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IRONMONGERY



Riviera

WITH TR

THE TARNISH RESISTANT
RANGE OF SATIN STAINLESS
STEEL HANDLES



OUR NEW RANGE OF RIVIERA HANDLES
are all made from Grade 304 Stainless Steel, and
coated with a PVD (Physical Vapour Deposition) coating
– adding a Timeless and High Quality Finish to this
BEAUTIFUL RANGE OF HANDLES

Brought to you by:



ABOUT PVD

PVD Coating is a Vaporisation Coating Technique applied directly onto Stainless Steel. This technique is being used successfully worldwide, for many years, to add an extra protective coating onto a wide variety of products, including Sanitary and Door Hardware.

The PVD Coating is known to increase the Hardness and Wear Resistance of the Stainless Steel. It offers a High Resistance to Discolouration and Tarnishing of the surface, caused by exposure to the elements. PVD Coating also adds UV Resistance to the Stainless Steel surface.

These properties make PVD Coating ideal for products exposed to our harsh South African climate.

DPS RIVIERA STAINLESS STEEL HANDLES with PVD have been tested in accordance with EN 1670:2007, Corrosion Resistance Grade 4, Salt Spray Tested for 240 Hours, and meets the prescribed requirements.

IMPORTANT NOTICE

Whilst the PVD Coating successfully maintains the Stainless Steel Finish of the handles, and Controls Tarnishing, it will not completely prevent hand marks and prints on the surface of the handles caused by everyday use, and will require light cleaning from time to time.

This can be done by using a **Damp Cloth** to wipe off marks, followed by a dry cloth to buff the surface.

Please **DO NOT** use Stainless Steel Polish or any other Chemicals to clean these handles, as this can damage the PVD Coating and compromise the benefits of the coating.

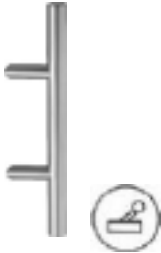
Riviera
WITH TR

304 Satin Stainless Steel			RIVIERA PVD				Standard
T Back to back tubular pull handle			Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	
	CODE	Ø - Length - CTC (mm)	TR	MBL	SRG	SB	SS
	FP.T01.BB. __	22-200-140	•				Per pair
	FP.T02.BB. __	25-330-210	•				•
	FP.T102.BB. __	25-500-350		•	•		•
	FP.T03.BB. __	32-400-280		**While stocks last			
	FP.T103.BB. __	32-400-300		•			•
	FP.T04.BB. __	32-500-380**	•				
	FP.T04.BB. __	32-500-400		•			•
	FP.T104.BB. __	32-300-200		•			•
	FP.T05.BB. __	32-1000-775	•	•			•
	FP.T08.BB. __	32-1200-900		•			•
	FP.T06.BB. __	32-1500-1275	•	•			
	FP.T07.BB. __	32-1800-1275	•	•			
	Bolt Through Fixing						Per each
	FP.T01.BTF. __	22-200-140	•				
	FP.T02.BTF. __	25-330-210	•				•
	FP.T102.BTF. __	25-500-350		•			•
	FP.T03.BTF. __	32-400-280		**While stocks last			
	FP.T103.BTF. __	32-400-300		•			•
	FP.T04.BTF. __	32-500-380	•				
	FP.T04.BTF. __	32-500-400		•			•
	FP.T104.BTF. __	32-300-200		•			•
T-OFFSET Back to back tubular pull handles			TR	MBL	SRG	SB	SS
		Note – the posts are welded internally to the grip handle					Per pair
	FP.T19.BB. __	32-400-150					•
	FP.T202.BB. __	32-499-190	•	•			•
	FP.T203.BB. __	32-600-400					•
	FP.T21.BB. __	32-1000-775	•	•			•
	FP.T24.BB. __	32-1200-900	•				
	FP.T22.BB. __	32-1500-1275	•	•			•
C Back to back tubular pull handles			TR	MBL	SRG	SB	SS
							Per pair
	FP.C06.BB. __	32-350-320	•				
When ordering add suffix "finish": eg; FPT03.BB.MBL							

PULL HANDLES continued:

Semi C Back to back tubular pull handles			RIVIERA PVD				Standard
	CODE	Ø - Length - CTC (mm)	Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	
			TR	MBL	SRG	PB	SS
							Per pair
	FP.SC11.BB. __	25-400-365	•				•
	FP.SC12.BB. __	25-560-525	•				
	FP.SC16.BB. __	32-420-350		•			•
	Bolt Through Fixing						Per each
	FP.SC11.BB. __	25-400-365	•				•
	FP.SC12.BB. __	25-560-525	•				
D Back to back tubular pull handles			TR	MBL	SRG	PB	SS
							Per pair
	FP.D06.BB. __	19-130-111					•
	FP.D07.BB. __	19-200-181	•				•
	FP.D08.BB. __	22-300-278	•				•
	FP.D09.BB. __	32-400-368	•				
	FP.D10.BB. __	30-330-300		•			•
	Bolt Through Fixing						Per each
	FP.D06.BTF. __	19-130-111					•
	FP.D07.BTF. __	19-200-181	•				•
	FP.D08.BTF. __	22-300-278	•				•
	FP.D09.BTF. __	32-400-368	•				
	FP.D10.BTF. __	30-330-300		•			•
D Offset Back to back tubular pull handles			TR	MBL	SRG	PB	SS
							Per pair
	FP.D20.BB. __	25-300-275	•				
	FP.D22.BB. __	30-330-300					•
	FP.D21.BB. __	32-400-368	•				
	Bolt Through Fixing						Per each
	FP.D20.BB. __	25-300-275	•				
	FP.D21.BB. __	32-400-368	•				
S Back to back tubular pull handles			TR	MBL	SRG	PB	SS
							Per pair
	FPS01.BB. __	25-600-400	•				•
	FP.S02.BB. __	32-600-400		•			•
	Bolt Through Fixing						Per each
	FP.S01.BTF. __	25-600-400	•				
When ordering add suffix "finish": eg; FPT03.BB.MBL							

PULL HANDLES continued:

T-MITRED Back to back tubular pull handles				RIVIERA PVD			Standard
	CODE	Ø - Length - CTC (mm)	Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	
			TR	MBL	SRG	PB	SS
							Per pair
	FP.TM31.BB.____	25-400-350	•				•
	FP.TM32.BB.____	32-600-500	•				•
	Note – the posts are welded internally to the grip handle						
SQUARE D Back to back pull handles			TR	MBL	SRG	PB	SS
 19X19mm							Per pair
	FP.SD01.BB.____	19-244-225					•
	FP.SD02.BB.____	19-319-300					•
	FP.SD03.BB.____	19-469-450					•
	FP.SD04.BB.____	19-619-600					•
	Bolt Through Fixing						Per each
	FP.SD01.BTF.____	19-244-225					•
	FP.SD02.BTF.____	19-319-300					•
	FP.SD03.BTF.____	19-469-450					•
	FP.SD04.BTF.____	19-619-600					•
Rectangular Oblong B2B pull handles			TR	MBL	SRG	PB	SS
 40x20mm							Per pair
	FP.OB09.BB.____	40X20-620-600		•			•
V Back to back tubular pull handles			TR	MBL	SRG	PB	SS
							Per pair
			WITHDRAWN Available while stocks last				
	FP.V13.BB.____	32-400-368					

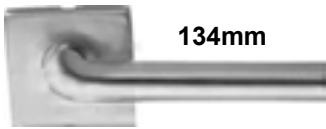
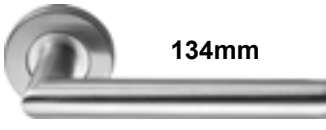
PLEASE NOTE THAT ALL "TR" & "SS" FINISH PULL HANDLES ARE SUPPLIED WITHOUT ROUND FLANGES. ALL "MBL" & "SRG" FINISH PULL HANDLES ARE SUPPLIED WITH FLANGES

When ordering add suffix "finish": eg; FPT03.BB.MBL

PULL HANDLE ACCESSORIES

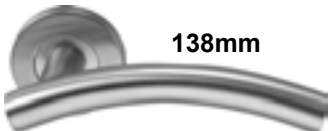
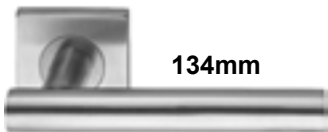
FLANGE (RING)			RIVIERA PVD				Standard
	CODE	SIZE	Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	
			TR	MBL	SRG	PB	SS
							Per each
	FP-RING-19	19mm					•
	FP-RING-22	22mm					•
	FP-RING-25	25mm					•
	FP-RING-32	32mm					•
Flat Head Fixing Bolt for Bolt Thru Fixing			TR	MBL	SRG	PB	SS
 10mm Thick							Per each
	FP-BTF-19	19-6x70mm					•
	FP-BTF-22	22-6x70mm					•
	FP-BTF-25	25-6x70mm					•
	FP-BTF-32	25-8x70mm					•
Back 2 back pull handle connectors-8mm			TR	MBL	SRG	PB	SS
							Per pair
	FB2B.25	25Ø x 8mm	Suitable for FP.T04.BTF.SS				•
	FB2B.32	32Ø x 8mm	Suitable for C06, D09, D22				•

TUBULAR LEVER HANDLES – ON ROSE

Rose & Escutcheon 53 x 8mm (Standard)				RIVIERA PVD				Per pair
304 Satin Stainless Steel				Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
FT01	Tubular handle	TYPE	CODE	TR	MBL	SRG	SB	SS
	134mm	Cylinder	FT01.R.C.____	•				•
		Key	FT01.R.K.____	•				•
		Rose only	FT01.R.____	•				•
	134mm	Cylinder	FT01.S.C.____	•				
		Key	FT01.S.K.____	•				
		Rose only	FT01.S.____	•				
Narrow Oval Rose 60x10mm		Cylinder	FT01.O.C.____	•				
		Rose only	FT01.O.____	•				
FT02	Tubular handle			TR	MBL	SRG	SB	SS
	134mm	Cylinder	FT02.R.C.____	•	•	•		•
		Key	FT02.R.K.____	•	•	•		•
		Rose only	FT02.R.____	•	•	•		•
	134mm	Cylinder	FT02.S.C.____	•				•
		Key	FT02.S.K.____	•				•
		Rose only	FT02.S.____	•				•

When ordering add suffix "finish": eg; FT03.R.K.MBL

TUBULAR LEVER HANDLES on Rose: continued

Rose & Escutcheon 53 x 8mm (Standard)				RIVIERA PVD				Per pair
304 Satin Stainless Steel								
FT02 Tubular handle	TYPE	CODE		Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
Narrow Oval Rose 60x10mm  134mm	Cylinder			TR	MBL	SRG	SB	SS
		FT02.O.C.____		•				
	Rose only	FT02.O.____		•				
FT03 Tubular handle				TR	MBL	SRG	SB	SS
 134mm	Cylinder							
		FT03.R.C.____		•				•
	Key	FT03.R.K.____		•				•
	Rose only	FT03.R.____		•				•
Narrow Oval Rose 60x10mm  134mm	Cylinder							
		FT03.O.C.____		•				•
	Rose only	FT03.O.____		•				•
FT05 Tubular handle				TR	MBL	SRG	SB	SS
 138mm	Cylinder							
		FT05.R.C.____		•				•
	Key	FT05.R.K.____		•				•
	Rose only	FT05.R.____		•				•
FT06 Tubular handle				TR	MBL	SRG	SB	SS
 134mm  134mm	Cylinder							
		FT06.R.C.____		•				•
	Key	FT06.R.K.____		•				•
	Rose only	FT06.R.____		•				•
	Cylinder	FT06.S.C.____		•				•
	Key	FT06.S.K.____		•				•
	Rose only	FT06.S.____		•				•

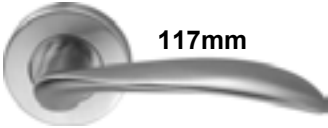
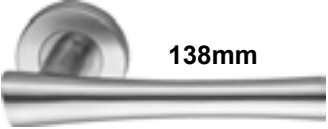
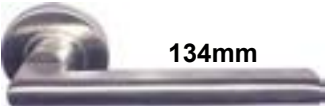
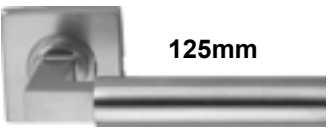
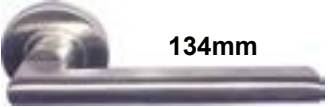
When ordering add suffix "finish": eg; FT03.R.K.MBL

TUBULAR LEVER HANDLES on Rose: continued

Rose & Escutcheon 53 x 8mm (Standard)				RIVIERA PVD				Per pair
304 Satin Stainless Steel								
FT08	Tubular handle	TYPE	CODE	Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
	Cylinder		TR	MBL	SRG	SB	SS	
		FT08.R.C.__	•				•	
	Key	FT08.R.K.__	•				•	
		Rose only	FT08.R.__	•				•
FT10	Tubular handle			TR	MBL	SRG	SB	SS
Cylinder	FT10.R.C__		•					
	Key		FT10.R.K__	•				
Rose only			FT10.R__	•				
FT11	Tubular handle	 Narrow Oval Rose 60x10mm Special Bend safegaurds against trapping finger between door & frame		TR	MBL	SRG	SB	SS
Cylinder	FT11.R.C__		•					
	Rose only		FT11.R__	•				
FT12	Tubular handle			TR	MBL	SRG	SB	SS
Cylinder	FT12.R.C.__		•				•	
	Key		FT12.R.K.__	•				•
Rose only			FT12.R.__	•				•
 Narrow Oval Rose 60x10mm	Cylinder						•	
		FT12.O.C.__						
	Rose only	FT12.O.__					•	
FT14	Tubular handle			TR	MBL	SRG	SB	SS
Cylinder	FT14.R.C.__						•	
	Key		FT14.R.K.__					•
Rose only			FT14.R.__					•
When ordering add suffix "finish": eg: FT03.R.K.MBL								

When ordering add suffix "finish": eg; FT03.R.K.MBL

SOLID & SEMI-SOLID LEVER HANDLES

Rose & Escutcheon 53 x 8mm (Standard)				RIVIERA PVD				Per pair
304 Satin Stainless Steel				Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
FS101	Solid Handle	TYPE	CODE	TR	MBL	SRG	SB	SS
		Cylinder	FS101.R.C._	•				•
		Key	FS101.R.K._	•				•
		Rose only	FS101.R._	•				•
FS102	Solid Handle	TYPE	CODE	TR	MBL	SRG	SB	SS
		Cylinder	FS102.R.C._	•				
		Key	FS102.R.K._	•				
		Rose only	FS102.R._	•				
FS103	Solid Handle	TYPE	CODE	TR	MBL	SRG	SB	SS
		Cylinder	FS103.R.C._	•				•
		Key	FS103.R.K._	•				•
		Rose only	FS103.R._	•				•
		Cylinder	FS103.S.C._	•				•
		Key	FS103.S.K._	•				•
		Rose only	FS103.S._	•				
FS104	Semi-solid Handle	TYPE	CODE	TR	MBL	SRG	SB	SS
		Cylinder	FS104.S.C._	•				
		Key	FS104.S.K._	•				
		Rose only	FS104.S._	•				
FS106	Hollow Handle	TYPE	CODE	TR	MBL	SRG	SB	SS
		Cylinder	FS106.R.C._	•	•	•	•	•
		Key	FS106.R.K._	•	•	•	•	•
		Rose only	FS106.R._	•	•	•	•	•

When ordering add suffix "finish": eg; FT03.R.K.MBL

SOLID & SEMI-SOLID LEVER HANDLES ON ROSE; continued

Rose & Escutcheon 53 x 8mm (Standard)				RIVIERA PVD				Per pair
304 Satin Stainless Steel				Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
FS107	Hollow Handle	TYPE	CODE					
	Cylinder	Key	FS107.R.C._	TR	MBL	SRG	SB	SS
					•	•	•	•
			FS107.R.K._		•	•	•	•
	Rose only		FS107.R._		•	•	•	•
FS108	Solid Handle			TR	MBL	SRG	SB	SS
	Cylinder	Key	FS108.R.C._				•	•
			FS108.R.K._				•	•
	Rose only		FS108.R._				•	•
FS109	Solid Handle			TR	MBL	SRG	SB	SS
	Cylinder	Key	FS109.R.C._					•
			FS109.R.K._					•
	Rose only		FS109.R._					•
FS110	Hollow Handle			TR	MBL	SRG	SB	SS
	Cylinder	Key	FS110.R.C._				•	•
			FS110.R.K._				•	•
	Rose only		FS110.R._				•	•
FS112	Hollow Handle			TR	MBL	SRG	SB	SS
	Cylinder	Key	FS112.R.C._		•			•
			FS112.R.K._		•			•
	Rose only		FS112.R._		•			•
FS114	Solid Handle			TR	MBL	SRG	SB	SS
	Cylinder	Key	FS114.R.C._					•
			FS114.R.K._					•
	Rose only		FS114.R._					•

When ordering add suffix "finish": eg; FS114.R.K.MBL

SOLID & SEMI-SOLID LEVER HANDLES ON ROSE; continued

Rose & Escutcheon 53 x 8mm (Standard)				RIVIERA PVD				Per pair
304 Satin Stainless Steel				Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
FS115	Solid Handle	TYPE	CODE					
		Cylinder		TR	MBL	SRG	SB	SS
			FS115.R.C._		.	.		.
		Key						
			FS115.R.K._		.	.		.
		Rose only	FS115.R._		.	.		.
FS201	Hollow Handle			TR	MBL	SRG	SB	SS
	Cylinder		FS201.S.C._		.	.		TBA
	Key		FS201.S.K._		.	.		TBA
	Rose only	FS201.S._		.	.		TBA	
FS202	Hollow Handle			TR	MBL	SRG	SB	SS
	Cylinder		FS202.S.C._		.	.		TBA
	Key		FS202.S.K._		.	.		TBA
	Rose only	FS202.S._		.	.		TBA	
FS203	Hollow Handle			TR	MBL	SRG	SB	SS
	Cylinder		FS203.R.C._		.			.
	Key		FS203.R.K._		.			.
	Rose only	FS203.R._		.			.	
FE Escutcheon 53 x 8mm								
		Cylinder		TR	MBL	SRG	SB	SS
			FE.R.C._	.	.	.	.	.
		Key	FE.R.K._	.	.	.	.	.
		Cylinder		.				.
			FE.S.C._					
		Key	FE.S.K._	.				.
		Cylinder						
			FE-O-C._	.				.
When ordering add suffix "finish": eg; FT203.R.K.MBL								

SOLID & SEMI-SOLID LEVER HANDLES ON ROSE; continued

Rose & Escutcheon 53 x 8mm (Standard)			RIVIERA PVD				Per pair
304 Satin Stainless Steel							
KNO1 KNOBS	TYPE	CODE	Clear Tarnish Resistant	Matt Black	Satin Rose Gold	Satin Brass	Standard
	Cylinder		TR	MBL	SRG	SB	SS
		FKNO1.C._	•				•
	Key	FKNO1.K._	•				•
		Fixed Knob					
	Cylinder	FKNO1.CF._	•				•
	Key	FKNO01.KF._	•				•
KNO2 KNOBS			TR	MBL	SRG	SB	SS
	Cylinder	FKNO2.C._	•				
	Key	FKNO2.K._	•				
		Fixed Knob					
	Cylinder	FKNO2.CF._	•				
	Key	FKNO02.KF._	•				

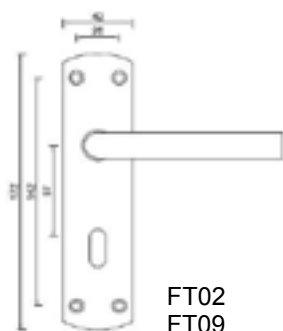
FIX THE ESCUTCHEON INTERNAL PLATE TO THE DOOR TO INCREASE SECURITY AND REDUCE ATTACK BY CYLINDER SNAPPING

Internal escutcheon plate

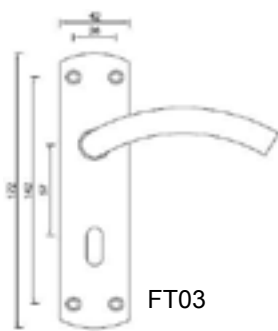


Fit Blank Head screw outside

			Each
	FHS4X60	4 x 60mm	•
HESO SPINDLES			ZP
			Each
	FTSPIND110	110 x 8mm	•
	FTSPIND120	120 x 8mm	•



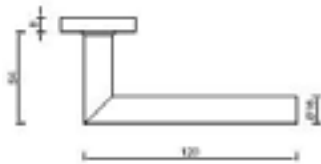
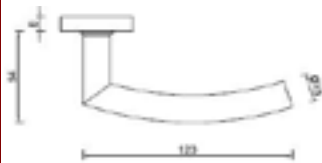
FT02
FT09



FT03

Smart Handles

- Plate 170mm x 42mm
- Lever 120mm x 16mm diam.
- 201 SS
- Suitable for inside use in coastal areas.

	handle only		handle with Lock DPS3L	handle with Lock DPS6157	handle with Lock DPS6157 + 08010-07-12
Loose Handles supplied as standard: Cylinder 60-61mm CxC Keyhole 57mm CxC					
	57mm CxC	61mm CxC	57mm CxC	61mm CxC	61mm CxC
02	FT02-16-SBK key hole	FT02-16-SBC cylinder hole	FT02-16-SBK -3L	FT02-16-SBC - 6157	FT02-16-SBC - 6157 -C
	.	.	.	.	.
03	FT03-16-SBK key hole	FT03-16-SBC cylinder hole	FT03-16-SBK -3L	FT03-16-SBC - 6157	FT03-16-SBC - 6157 -C
	.	.	.	.	.
09	FT09-16-SBK key hole	FT09-16-SBC cylinder hole	FT09-16-SBK -3L	FT09-16-SBC - 6157	FT09-16-SBC - 6157 -C
	.	.	.	.	.

				RIVIERA PVD			Per Pair
WC	Escutcheons	Code		Gold	Black	Satin Rose Gold	Standard
	53mm x 8mm			GD	BL	SRG	SS
101		New Bolt thru fixing 38mm CxC for secure knob for use with DPS WCDL lock FWC.101.RL._	Round				•
104		New Bolt thru fixing 38mm CxC for secure knob for use with DPS WCDL lock FWC.102.R._	Round				•
103		FWC.101.S._	Square				•
		FWC.103.S._	Square				•
WC Dead Lock				GD	BL	SRG	SS
		WCDL._	Brass Bolt 8mm Spindle				Price Ea •
WC Indicator with bolt				GD	BL	SRG	SN
		WCIND1	Zamac Satin Nickel				Price Ea •
FDS01 Door Stop				GD	BL	SRG	SS
		FDS01._					Price Ea •
When ordering add suffix "finish": eg; FDS05.MBL							

GENERAL HARDWARE: continued

		RIVIERA PVD			Standard
	Code	Gold	Black	Satin Rose Gold	
FDS02 Door Stop	FDS02.__	GD	BL	SRG	SS
		19 Ø x 90mm	.	.	Price Ea
FDS03 Solid Door Stop		GD	BL	SRG	SS
	FDS03.SS	29 Ø x 32 mm			Price Ea
FDS04 Round Grey Door Stop	FDS04.SS	GD	BL	SRG	SS
		Grey rubber			Price Ea
FDS05 Hooded Door Stop		GD	BL	SRG	SN
	Code FDS05.__	Zamac Satin Nickel	.	.	Price Ea
FDS06 Round Door Stop	FDS06.__	GD	BL	SRG	SS
		30Ø x 40mm	.	.	.
FMDS01 Magnetic Door Stop		GD	BL	SRG	SN
	FMDS01.__	Zamac Satin Nickel			Price Ea
When ordering add suffix "finish": eg; FDS05.MBL					

GENERAL HARDWARE: continued

		RIVIERA PVD				
FMSD02 Magnetic Door Stop	Code		Gold	Black	Satin Rose Gold	Standard
 55(W) x 38 31(H)mm	FMSD02.__	Zamac Satin Nickel	GD	BL	SRG	SN
				•	•	•
FMSD03 Magnetic Door Stop	FMSD03.__		GD	BL	SRG	SS
 30 Ø x 43 mm						Price Ea •
FMSD04 Magnetic Door Stop			GD	BL	SRG	SN
 45(W) x 31 38(H)mm	FMSD04.__	Zamac Satin Nickel		•	•	•
FDH02 Door Holder	FDH02.SN		GD	BL	SRG	SN
		Zamac Satin Nickel 160 x 28mmØ				Price Ea •
FBB Flush Bolt - Box type			GD	BL	SRG	SS
	FBB200.__	200 X 19mm	•	•	•	•
	FBB300.__	300 X 19mm	•	•	•	•
	FBB600.__	600 x 19mm	•			•
	FBB1000.__	1000 x 19mm	•			•
When ordering add suffix "finish": eg; FPD05.MBL						

GENERAL HARDWARE: continued

			RIVIERA PVD				
FBM Flush Bolt – Mortice type	Code		Gold	Black	Satin Rose Gold	Standard	
	FBM150.SS FBM200.SS FBM250.SS	150 X 25mm 200 X 25mm 250 x 25mm	GD	BL	SRG	SN	
						Price Ea	
							•
							•
FHACH Hat & Coat Hook with buffer			GD	BL	SRG	SS	
	FHACH02.___					Price Ea	
			•	•	•		
FP01 Rectangular Flush pull			GD	BL	SRG	SS	
	FP01.___	102 x 51mm		•	•	Price Ea	
				•	•	•	
FP-- Oval Flush pull			GD	BL	SRG	SS	
	FP02.___ FP03.___	120 x 41mm		•	•	Price Ea	
		120 x 34mm				•	
FRP-- Ring Flush pulls			GD	BL	SRG	SS	
	FRP48.___ FRP63.___	48 x 38(w) mm				Price Ea	
		63 x 44(w) mm				•	
							•
When ordering add suffix "finish": eg; FPD05.MBL							

GENERAL HARDWARE: continued

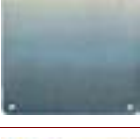
		RIVIERA PVD			Standard
FDG01 Wishbone Door guard		Gold	Black	Satin Rose Gold	
	Code	GD	BL	SRG	SN
	FDG01.____				Price Ea
		Zamac Satin Nickel			•
FDV1 Door Viewer		GD	BL	SRG	SN
	Code				Price Ea
	FDV1.____				
		180° View Zamac Satin Nickel Doors 40-44mm	•	•	•
FRB01 Adjustable Roller Catch – Heavy Duty		GD	BL	SRG	SS
	Code				Price Ea
	FRB01.SS				
	FRB01-RB	Brass Roller-SN Face 76 x 22mm	•	•	•
SWDC Strike with dust cover		GD	BL	SRG	SS
	Code				Price Ea
	FSWDC.SS				
		39mm (H) 19mm (Dia) 25mm Cover 13mm Hole			•
When ordering add suffix "finish": eg; FPD05.MBL					

GENERAL HARDWARE: continued

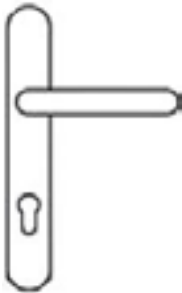
Pivot	Code					Standard
	PIVOT					SS
		100 kgs 90x50x3 mm				Price Ea •
	PIVOTSET	100 kgs Pivot Top & Bottom				Price Set •

HandleS on Back Plate

- Handle, 120 x 19mm 304ss
- 304 Satin S/Steel Backplate 150 x 150 x 1.5mm
 - Includes Male/Female fixing screws.
 - Round Corners Standard.
 - Square Corners on request

D PULL HANDLE ON BACK PLATE – 150X150mm			Code	Price
A		• D06 Pull handle only - RH	FPD6.A.XB.FF	Each •
B		• D06 Pull handle only - LH	FPD6.B.XB.FF	Each •
C		• D06 Pull handle - Cylinder - RH	FPD6.C.XC.FF	Each •
D		• D06 Pull handle - Cylinder - LH	FPD6.D.XC.FF	Each •
E		• Cylinder ONLY - RH	FP.E.XC.FF	Each •
F		• Cylinder ONLY - LH	FP.F.XC.FF	Each •
G		• Blank	FP.G.XB.FF	Each •
WC	 Outside view	• D06 Pull handle – with WC Indicator & Turn - RH	FPD6.WC.R	Pair •
WC	 Outside view	• D06 Pull handle – with WC Indicator & Turn - RH	FPD6.WC.L	Pair •

TUBULAR LEVER HANDLES ON BACK PLATES

304 Satin Stainless Steel	TYPE	CODE	SIZE	Centre to Centre	RIVIERA -PVD Clear Tarnish Resistant TR		Per pair
							Standard
	Cylinder	FT08.P.C150.57	150x150mm	57mm			SS
	Cylinder	FT08.P.C150.61	150x150mm	61mm			•
	Key	FT08.P.K150	150x150mm	57mm			•
	Latch	FT08.P.0150	150x150mm				•
	Cylinder	FT08.P.C075.57	150x75mm	57mm			•
	Cylinder	FT08.P.C075.61	150x75mm	61mm			•
		H70SS	210x160mm				•
	Above used with CISA lock						
	Cylinder	FT06.BP.C.____	180x40x8mm	57mm	•		
	Cylinder	FT06.BP.61.C.____	180x40x8mm	61mm	•		
	Key	FT06.BP.K.____	180x40x8mm	57mm	•		
	Cylinder	FT08.BP.C.____	180x40x8mm	57mm	•		•
	Cylinder	FT08.BP.61.C.____	180x40x8mm	61mm	•		•
	Key	FT08.BP.K.____	180x40x8mm	57mm	•		•
							
	Cylinder	FT02.NB	220x26mm	85mm			•
	Cylinder	FT03.NB	220x26mm	85mm			•
	Cylinder	FT08.NB	220x26mm	85mm			•

Satin Stainless Signs

- Grade 201 ss
- 150 X 150 mm
- Round Corners
- Screws included

F.SGN	Signs	Code	Price Ea
		F.SGN – M	MALE SIGN •
		F.SGN – F	FEMALE SIGN •
		F.SGN – MF	MALE & FEMALE SIGN •
		F.SGN – TC	TEA CUP SIGN •
		F.SGN – WCH	WHEELCHAIR SIGN •
		F.SGN – SH	SHOWER SIGN •

Stainless Steel Hinges

- Grade 201ss
- Satin Finish
- Including S/S fixing screws
- Stainless Pin & Caps

BUTT HINGES – DOUBLE BALL BEARING

	Code	Width	Height	Thick	Hand	Finish	Pair
	FH76X2B	76	100	2		SATIN	•
	FH76X3B-EN	76	100	3		EN Grade13: Fire Rated: CE Mark SATIN	•
	FH76X3B-TR	76	100	3		SATIN, with clear PVD	•
	FH76X3B-BR	76	100	3		SATIN BRASS PVD	•
	FH76X3B-SBL	76	100	3		SATIN BLACK PVD	•
	FH76X3B-MBL	76	100	3		MATT BLACK	•

RISING & FALLING HINGES – LIFT OFF

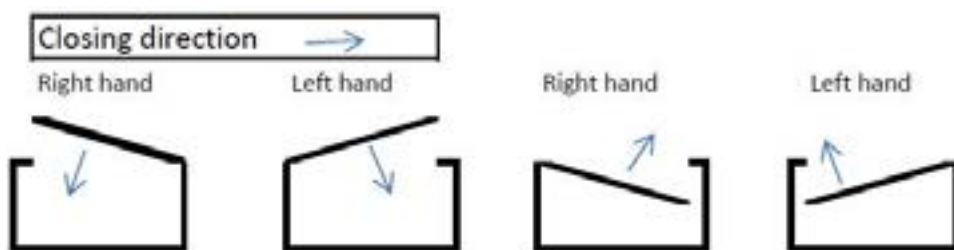
	Code	Width	Height	Thick	Hand	Finish	Pair
	Rising	mm	mm	mm			
	FH76X2RL	76	100	2	LEFT	SATIN	•
	FH76X2RR	76	100	2	RIGHT	SATIN	•
	Falling						
	FH76X2FL	76	100	2	LEFT	SATIN	•
	FH76X2FR	76	100	2	RIGHT	SATIN	•

Rising Hinges:

Rise when opened, and fall closed

Falling Hinges:

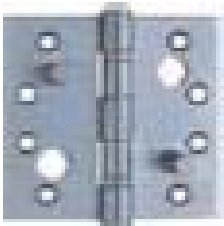
Fall open, and rise when closed.



PROJECTING HINGES

Finishes: Satin Satin with clear PVD Gold PVD  Gold PVD	Code	Width	Height	Thick	Hand	Finish	Pair
	FH150X3	150	100	3		SATIN	•
	FH150X3-TR	150	100	3		SATIN, with clear PVD	•
	FH150X3-BR	150	100	3		SATIN BRASS PVD	•
	FH180X3	180	100	3.5		SATIN	•
	FH180X3-TR	180	100	3.5		SATIN, with clear PVD	•
	FH180X3-GD	180	100	3.5		Gold PVD **	•
	FH180X3-BR	180	100	3.5		**while stocks last SATIN BRASS PVD	•
	FH200X3	200	100	3.5		SATIN	•
	FH200X3-TR	200	100	3.5		SATIN, with clear PVD	•

SECURITY BUTT HINGES – FOR OUTWARD OPENING DOORS

	Code	Width	Height	Thick	Hand	Finish	Pair
	FH76X3S-TR	mm 76	mm 100	mm 3		SATIN, with clear PVD	•

BUTT HINGES – HOSPITAL TIP, ANTI LIGATURE – 304SS

	Code	Width	Height	Thick	Hand	Finish	Pair
	FHAL76X3B	mm 76	mm 100	mm 3		SATIN	•

Round corners on frame side
Machine screws for frame and wood screws for door.

Stainless Steel Grab Rails

- Grade 304ss
- Satin or Polished
- 32mm Diameter x 1.2mm thick tubing
- Maximum carrying capacity 150kg
- Includes Fixings.

"LIBERTY" GRAB RAILS = ACCESS FOR ALL



LIBERTY PLUS – STRAIGHT – POLISHED & KNURLED

Code	Description	Type	Length C x C	Overall Height	Finish	Price Ea
FG300P	Door Handle	Straight	300mm	80mm	Polished & Knurled	•
FG800P	Flush Master	Straight	800mm	80mm	Polished & Knurled	•

LIBERTY – STRAIGHT - SATIN FINISH

Code	Description	Type	Length C x C	Overall Height	Finish	Price Ea
FG300	Door Handle	Straight	300mm	80mm	SATIN	•
FG600	Basin	Straight	600mm	80mm	SATIN	•
FG800	Flush Master	Straight	800mm	80mm	SATIN	•

LIBERTY PLUS – RAISED – POLISHED *withdrawn, available while stocks last*

Code	Description	Type	Length C x C	Overall Height	Finish	Price Ea
FG800CISP	Cistern	Raised	800mm	210mm	Polished only	•

LIBERTY - CISTERN - RAISED - SATIN FINISH

Code	Description	Type	Length C x C	Overall Height	Finish	Price Ea
FG800CIS	<i>Available while stock last</i>	Raised	800mm	210mm	SATIN	•
FG800CIS46	Cistern	Raised	800mm	246mm	SATIN	•

LIBERTY PLUS – BENT – POLISHED – *Withdrawn - available while stocks last*

Code	Description	Type	Length	Overall Height	Finish	Price Ea
FGBATHP	Bath 2 legs	Bent	2x300mm 135°	80mm	Polished only	•
FGSHOWERP	Shower 3 legs	Bent	2x610mm 90°	80mm	Polished only	•

LIBERTY – BENT – SATIN FINISH

Code	Description	Type	Length	Overall Height	Finish	Price Ea
FG900SA	Side Angled 2 legs	Bent	3X300mm 135°	80mm	SATIN	•
FGBATH	Bath 2 legs	Bent	2x300mm 135°	80mm	SATIN	•
FGSHOWER	Shower 3 legs	Bent	2x610mm 90°	80mm	SATIN	•



FGBATHP



FGSHOWERP



FG900SA



Hook Lock	Description	Code	Backset	Finish	Price including Cylinder	Price without Cylinder
	Stainless Steel Faceplate and Strike • Strike 07028.10.20 • Cylinder CISA Lockingline 08010-05-12 • Rose set CISA 06012.12 • Satin 304ss faceplate and strike finish "20".	HL40	40	20	403.51	•
		HL50	50	20	403.51	•
		HL60	60	20	403.51	•
	Stainless Steel Faceplate and Strike • Satin 304ss faceplate and strike finish "20". • Stainless steel solid hook • Includes strike. • Rose set 06012-01 Black	HL20	20	20		•



CYLINDERS



~ CISA CONSTRUCTION MASTER-KEY SYSTEM ~

THE SITUATION

A building project is in progress. Various installer/contractors are completing their tasks – carpenters, painters, security and fire-system installers. Keys are passed from one to the other to finish tasks.

Various rooms are locked up when complete or hold valuable items (air cons, power tools, media equipment)

At completion and hand-over, the keys are handed to the client or owner.

The owner thinks ***“how many copies of my keys have been made? Will my property and people be safe from unauthorised entry with the real likelihood of illegal copied keys?”***

The above concern is real and a daily occurrence. Many owners incur additional expenses by replacing locks after hand-over. We feel this is **NOT** necessary.

THE SOLUTION

The CISA MASTER-KEY system is designed with a CONSTRUCTION Master-key. The contractor will use this special key to lock/unlock all cylinders in the building that are part of this MK system. Multiple copies of this key can be supplied to staff or sub-contractors.

A second set of keys (OWNER or TENANT) are kept safe in a clearly marked sealed bag. These keys are **NOT** handed to the constructing team **EVER** and are for the owner/client **ONLY AFTER** hand-over time.

The owner/tenant removes the TENANT key from the sealed bag, turns the key in all installed cylinders (both sides of double cylinders). This action modifies the cylinder in real-time so that the CONSTRUCTION Master-key will **NEVER** unlock the modified cylinder **EVER**. It is a real pleasure to test this at hand-over and see the satisfaction of the OWNER/TENANT. The CONSTRUCTION MK keys can be discarded without fear of being used for illegal entry!! AMAZING and simple.

PEACE OF MIND.

CISA provides peace of mind with this special design.

Can't we all have some peace of mind, PLEASE?? Yes we can!

CISA provided PEACE OF MIND for thousands of home and business owners with this solution.

This solution can be implemented on any of the CISA keyways, from the public keyway (C2000) to the any of the higher security keyways (ASTRAL, C3000, AP3, RS3). CISA HIGH SECURITY keyways require a SPECIAL SYSTEM IDENTIFICATION CARD and PERSONAL ID before any keys can be duplicated.

Illegal copying of keys is one of the biggest concerns of ILLEGAL-ENTRY for tenants all over the world.

The reasons: 1. One doesn't know about the duplicated key. 2. Illegal entry can occur at any time. 3. No visible sign of attack makes an insurance claim close to impossible.

At CISA we enjoy PEACE of MIND and would like to share it.

For more information about PEACE of MIND, please contact us – and ask for some PEACE of MIND.

Sleep well!

From the CISA TEAM.

www.cisa.co.za

sales@cisa.co.za

+27 21 590 7760

Brought to you by your trusted PEACE of MIND partner: D. Purdue & Sons (PTY) LTD



8/8/17



C2000 EURO PROFILE CYLINDERS



QUALITY YOU CAN MEASURE

Conforms to Internationally accepted European Norm EN1303:2005 Key Related Security Grade 4 and Durability Grade 6 - 100,000 duty cycles.

MAIN FEATURES

ACTIVE SECURITY

- **NUMBER OF KEY DIFFERS:** over 30,000.

PASSIVE SECURITY

- **Push resistance:** projecting cam.
- **Drill resistance:**
 - Hardened steel pin and driver in first position
- **Anti-picking resistance:**
 - Paracentric Key way.
 - Mushroom type drivers.

KEY ARRANGEMENT CAPACITY

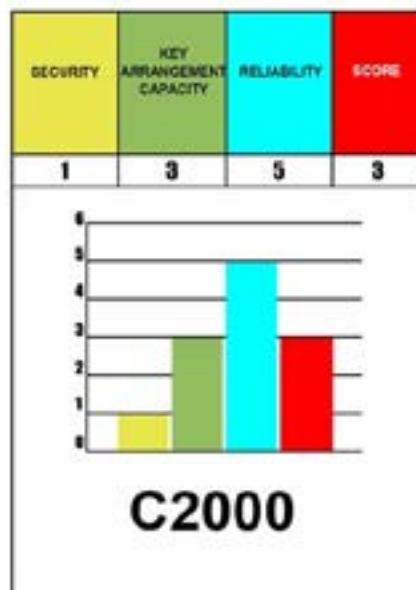
- 1000 different cylinders per MK key (excluding integrated key section capacity).
- Other key configurations on request.

RELIABILITY

- 100 000 cycles (compliant with EN 1303:2005 – Durability Grade 6)

CERTIFICATION

- Manufactured in conformity with the European Norm EN 1303:2005.
- Durability Grade 6.
- Attack Resistance Grade 0.
- Key Related Security Grade 4.



Technical features:

CYLINDER

- 5 pin key biting system (3 and 4 pins for short sizes).
- Brass body
- Brass plugs.
- Self-lubricating sintered steel projecting cam, DIN compatible.
- Pins
 - in brass
 - in hardened steel in first position
- Drivers
 - in brass, cylindrical and mushroom-like for anti-picking function.
 - in hardened steel in first position.
- Phosphor bronze springs.

Technical features:

KEY

- in special brass alloy nickel plated.
- 2.4mm thickness.
- .44mm depths.
- Compatible with protective roses.

On request:

- KA – Keyed Alike.
- MK – Master Keyed.
- GMK – Grand Master Keyed.
- CMK – Construction Master Key.
- CL – Central Locking.
- Personalised Keyways

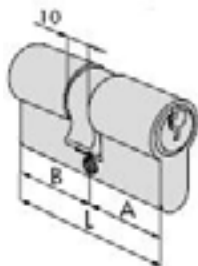
Supplied as stand

- Cylinder fixing screw.
- 2 Keys:
 - 01070-10-1 (5 pins)
 - 01070-05-1 (4 pins)
 - 01070-01-1 (3 pins)

Finishes:

- Standard: sanded brass (finish 00).
- On request: nickel plated (finish 12).



Type		Finish		C2000										01070 5 Pins			
		00	Sanded Brass														
		12	Nickel Plated														
		Nom. Length		L	A	B	Pins	CODE	S I Z E	F I N	KEYED DIFFERENT, & KEYED ALIKE	MASTER KEYED to CODE	GRAND MASTER KEYED to CODE		New MK or GMK systems made to new CISA code only		
											KD, KA	MKC	GMKC		MK	GMK	
Double Cylinder																	
	Brass Finish																
	22/22	43,4	21,7	21,7	3	0G300	02	00	•	•					•		
	27/27	53	26,5	26,5	4	0G300	05	00	•	•					•		
	28/28	56	28	28	5	0G345	05	00	•	•					•		
	30/30	59	29,5	29,5	5	0G300	07	00	•	•			•		•	•	
	33/33	65	32,5	32,5	5	0G300	10	00	•	•			•		•	•	
	35/35	69	34,5	34,5	5	0G300	13	00	•	•			•		•	•	
	37/37	73	36,5	36,5	5	0G300	15	00	•	•			•		•	•	
	40/40	79	39,5	39,5	5	0G300	18	00	•	•			•		•	•	
	43/43	85	42,5	42,5	5	0G300	46	00	•	•			•		•	•	
	45/45	89	44,5	44,5	5	0G300	29	00	•	•			•		•	•	
	50/50	99	49,5	49,5	5	0G300	23	00	•	•			•		•	•	
	55/55	109	54,5	54,5	5	0G300	70	00	•	•			•		•	•	
	60/60	119	59,5	59,5	5	0G300	40	00	•	•			•		•	•	
70/70	139	69,5	69,5	5	0G300	50	00	•	•			•		•	•		
		Nickel Finish															
		22/22	43,4	21,7	21,7	3	0G300	02	12	•	•				•		
		28/28	56	28	28	5	0G345	05	12	•	•				•		
		30/30	59	29,5	29,5	5	0G300	07	12	•	•			•		•	
		33/33	65	32,5	32,5	5	0G300	10	12	•	•			•		•	
		35/35	69	34,5	34,5	5	0G300	13	12	•	•			•		•	
		37/37	73	36,5	36,5	5	0G300	15	12	•	•			•		•	
		40/40	79	39,5	39,5	5	0G300	18	12	•	•			•		•	
		43/43	85	42,5	42,5	5	0G300	46	12	•	•			•		•	
		45/45	89	44,5	44,5	5	0G300	29	12	•	•			•		•	
		50/50	99	49,5	49,5	5	0G300	23	12	•	•			•		•	
		55/55	109	54,5	54,5	5	0G300	70	12	•	•			•		•	
		60/60	119	59,5	59,5	5	0G300	40	12	•	•			•		•	
		70/70	139	69,5	69,5	5	0G300	50	12	•	•			•		•	
		OFF- CENTRED CYLINDERS															
		Brass Finish															
		30/40	69	29,5	39,5	5	0G300	12	00	•	•			•		•	
		30/45	74	29,5	44,5	5	0G300	27	00	•	•			•		•	
		30/50	79	29,5	49,5	5	0G300	17	00	•	•			•		•	
		35/45	79	34,5	44,5	5	0G300	19	00	•	•			•		•	
		30/60	89	29,5	59,5	5	0G300	20	00	•	•			•		•	
		30/70	99	29,5	69,5	5	0G300	24	00	•	•			•		•	
		40/60	99	39,5	59,5	5	0G300	25	00	•	•			•		•	
		45/55	99	44,5	54,5	5	0G300	43	00	•	•			•		•	
		30/80	109	29,5	79,5	5	0G300	37	00	•	•			•		•	
		40/70	109	39,5	69,5	5	0G300	35	00	•	•			•		•	
		50/60	109	49,5	59,5	5	0G300	36	00	•	•			•		•	
		Nickel Finish															
		27/33	59	26,5	32,5	4	0G300	06	12	•	•				•		
		30/40	69	29,5	39,5	5	0G300	12	12	•	•			•		•	
		30/45	74	29,5	44,5	5	0G300	27	12	•	•			•		•	
		30/50	79	29,5	49,5	5	0G300	17	12	•	•			•		•	
		35/45	79	34,5	44,5	5	0G300	19	12	•	•			•		•	
		30/60	89	29,5	59,5	5	0G300	20	12	•	•			•		•	
		30/70	99	29,5	69,5	5	0G300	24	12	•	•			•		•	
		40/60	99	39,5	59,5	5	0G300	25	12	•	•			•		•	
		45/55	99	44,5	54,5	5	0G300	43	12	•	•			•		•	
		30/80	109	29,5	79,5	5	0G300	37	12	•	•			•		•	
		40/70	109	39,5	69,5	5	0G300	35	12	•	•			•		•	
		50/60	109	49,5	59,5	5	0G300	36	12	•	•			•		•	

BKP
Bump Key Power
Use Bump Key Power solution to resist illegal openings: Price available upon request.

SPECIAL NOTE
No extra surcharge
• CMK - Construction Master Keyed charged at MK or GMK prices.
• CL - Central Locking charged at MK or GMK prices.

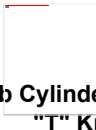
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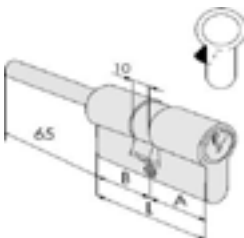
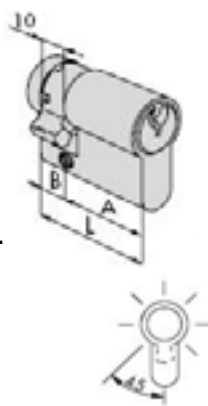
Type		Finish		C2000				01070 5 Pins																	
		00 Sanded Brass	12 Nickel Plated																						
	Knob Cylinder with "T" Knob	Nom. Length	L	A	B	CODE	S I Z E	F I N	KEYED DIFFERENT & KEYED ALIKE	MASTER KEYED to CODE	GRAND MASTER KEYED to CODE		New MK or GMK systems made to new CISA code only												
													KD, KA	MKC	GMKC		MK	GMK							
													Brass Finish												
													30/30	59	29,5	29,5	0G302	07	00	•	•	•	•	•	•
													33/33	65	32,5	32,5	0G302	10	00	•	•	•	•	•	•
													35/35	69	34,5	34,5	0G302	13	00	•	•	•	•	•	•
													40/40	79	39,5	39,5	0G302	18	00	•	•	•	•	•	•
													43/43	85	42,5	42,5	0G302	46	00	•	•	•	•	•	•
													45/45	89	44,5	44,5	0G302	29	00	•	•	•	•	•	•
													50/50	99	49,5	49,5	0G302	23	00	•	•	•	•	•	•
60/60	119	59,5	59,5	0G302	40	00	•	•	•	•	•	•													
Nickel Finish																									
30/30	59	29,5	29,5	0G302	07	12	•	•	•	•	•	•													
33/33	65	32,5	32,5	0G302	10	12	•	•	•	•	•	•													
35/35	69	34,5	34,5	0G302	13	12	•	•	•	•	•	•													
40/40	79	39,5	39,5	0G302	18	12	•	•	•	•	•	•													
43/43	85	42,5	42,5	0G302	46	12	•	•	•	•	•	•													
45/45	89	44,5	44,5	0G302	29	12	•	•	•	•	•	•													
50/50	99	49,5	49,5	0G302	23	12	•	•	•	•	•	•													
60/60	119	59,5	59,5	0G302	40	12	•	•	•	•	•	•													
OFF- CENTRED KNOB CYLINDERS																									
Brass Finish																									
	BKP Bump Key Power Use Bump Key Power solution to resist illegal openings: Price available upon request.	40/30	69	39,5	29,5	0G302	12	00	•	•	•	•	•	•											
		30/40	69	29,5	39,5	0G302	82	00	•	•	•	•	•	•											
		35/40	74	34,5	39,5	0G302	28	00	•	•	•	•	•	•											
		40/35	74	39,5	34,5	0G302	83	00	•	•	•	•	•	•											
		30/50	79	29,5	49,5	0G302	17	00	•	•	•	•	•	•											
		35/45	79	34,5	44,5	0G302	19	00	•	•	•	•	•	•											
		45/35	79	44,5	34,5	0G302	85	00	•	•	•	•	•	•											
		30/60	89	29,5	59,5	0G302	20	00	•	•	•	•	•	•											
		40/60	99	39,5	59,5	0G302	25	00	•	•	•	•	•	•											
		45/55	99	44,5	54,5	0G302	43	00	•	•	•	•	•	•											
		50/60	109	49,5	59,5	0G302	36	00	•	•	•	•	•	•											
		60/50	109	59,5	49,5	0G302	89	00	•	•	•	•	•	•											
		65/55	119	64,5	54,5	0G302	86	00	•	•	•	•	•	•											
		Nickel Finish																							
		SPECIAL NOTE No extra surcharge - CMK - Construction Master Keyed charged at MK or GMK prices. - CL - Central Locking charged at MK or GMK prices.	40/30	69	39,5	29,5	0G302	12	12	•	•	•	•	•	•										
30/40	69		29,5	39,5	0G302	82	12	•	•	•	•	•	•												
35/40	74		34,5	39,5	0G302	28	12	•	•	•	•	•	•												
40/35	74		39,5	34,5	0G302	83	12	•	•	•	•	•	•												
45/30	74		44,5	29,5	0G302	27	12	•	•	•	•	•	•												
30/50	79		29,5	49,5	0G302	17	12	•	•	•	•	•	•												
35/45	79		34,5	44,5	0G302	19	12	•	•	•	•	•	•												
45/35	79		44,5	34,5	0G302	85	12	•	•	•	•	•	•												
30/60	89		29,5	59,5	0G302	20	12	•	•	•	•	•	•												
40/60	99		39,5	59,5	0G302	25	12	•	•	•	•	•	•												
45/55	99		44,5	54,5	0G302	43	12	•	•	•	•	•	•												
50/60	109		49,5	59,5	0G302	36	12	•	•	•	•	•	•												
60/50	109		59,5	49,5	0G302	89	12	•	•	•	•	•	•												
30/80	109		79,5	29,5	0G302	37	12	•	•	•	•	•	•												
65/55	119		64,5	54,5	0G302	86	12	•	•	•	•	•	•												

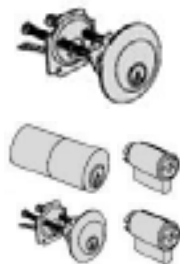
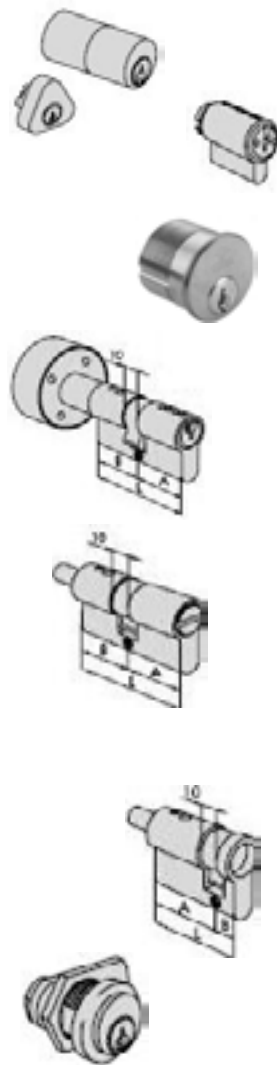
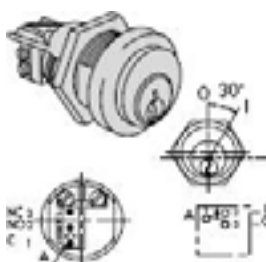
BKP**Bump Key Power**

Use Bump Key Power solution to resist illegal openings: Price available upon request.

SPECIAL NOTE**No extra surcharge**

- CMK - Construction Master Keyed charged at MK or GMK prices.
- CL - Central Locking charged at MK or GMK prices.

Type					C2000					01070 5 Pins				
Finish 00 Sanded Brass 12 Nickel Plated	Nom. Length	L	A	B	CODE	S I Z E	F I N	KEYED DIFFERENT & KEYED ALIKE	MASTER KEYED to CODE	GRAND MASTER KEYED to CODE		New MK or GMK systems made to new CISA code only		
								KD, KA	MKC	GMKC		MK	GMK	
					Knob cylinder with adjustable shaft									
	30/30	60	29,5	29,5	0G307	07	12	•	•	•		•	•	
	40/30	70	39,5	29,5	0G307	12	12	•	•	•		•	•	
	50/30	80	49,5	29,5	0G307	90	12	•	•	•		•	•	
	60/30	90	59,5	29,5	0G307	87	12	•	•	•		•	•	
	Optional Escutcheon for adjustable knob cylinders - Satin Nickel					06458	20	B1	•					
Spare Knobs					Fin 66 – Satin Brass Upon request in Chrome or Polished Brass					Price Ea				
	T KNOB Face 30mmx 15mm				DPKN1		66						•	
					DPKN1		12						•	
	TEAR KNOB Face 42mm x 15mm				DPKN2		66						•	
					DPKN2		12						•	
SINGLE CYLINDERS					Brass Finish									
	30/10	39,5	29,5	10,0	0G304	02	00	•	•	•		•	•	
	33/10	42,5	32,5	10,0	0G304	09	00	•	•	•		•	•	
	35/10	44,5	34,5	10,0	0G304	07	00	•	•	•		•	•	
	40/10	49,5	39,5	10,0	0G304	03	00	•	•	•		•	•	
	43/10	52,5	42,5	10,0	0G304	11	00	•	•	•		•	•	
	60/10	69,5	59,5	10,0	0G304	05	00	•	•	•		•	•	
	Nickel Finish													
	30/10	39,5	29,5	10,0	0G304	02	12	•	•	•		•	•	
	33/10	42,5	32,5	10,0	0G304	09	12	•	•	•		•	•	
	35/10	44,5	34,5	10,0	0G304	07	12	•	•	•		•	•	
	40/10	49,5	39,5	10,0	0G304	03	12	•	•	•		•	•	
	43/10	52,5	42,5	10,0	0G304	11	00	•	•	•		•	•	
	60/10	69,5	59,5	10,0	0G304	05	12	•	•	•		•	•	
PADLOCKS: MASTER KEYED WITH C2000					FOR COMPLETE INFO: REFER SECT 3 – PADLOCKS									
								KD	MK	GMK				
	22010	50						•	•	•				
	22010	60						•	•	•				
	28056	55						•	•	•				
	28056	56						•	•	•				
	28056	57						•	•	•				
	28056	70						•	•	•				
	28356	62						•	•	•				
	28556	67						•	•	•				
	28556	75						•	•	•				
	28556	85						•	•	•				

Type		C2000			01070 5 Pins			
Finish 00 Sanded Brass 12 Nickel Plated		CODE	S I Z E	F I N	KEYED DIFFERENT, & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	
					KD, KA	MK	GMK	
	Night Latch Cylinder	0G500	00	00	•	•	•	
		0G500	00	12	•	•	•	
	Elettrika Cylinder Set							
	1A721, 1A731	0G150	00	00	•	•	•	
		0G150	00	12	•	•	•	
	1A630	0G115	00	00	•	•	•	
VARIOUS CYLINDERS								
	Electric Lock Cylinder Set							
	11721,11921,11731,11931	02110	00	00	•	•		
	Steel Padlock Cylinder	02650	01	00	•	•	•	
	Threaded Cylinder	02900	00	12	•	•	•	
	KEYED ALIKE IN PAIRS	02190	00	12	Pair	Pair	Pair	
	Knob Cylinder with 44mm Round Knob				Available only WHILE STOCKS LAST			
	33/33 65 32.5 32.5	08520	34	00	•	•	•	
	65 32.5 32.5	08520	34	12	•	•	•	
	Toilet Knob Cylinder with T knob							
	31/31 61.6 30.8 30.8	08525	04	00	•			
	61.6 30.8 30.8	08525	04	12	•			
	33/33 65 32.5 32.5	08525	34	00	•			
	65 32.5 32.5	08525	34	12	•			
	35/35 69 34.5 34.5	08525	14	00	•			
	69 34.5 34.5	08525	14	12	•			
	Single Knob Cylinder with T knob							
	30/10 39.5 29.5 10	08559	04	00	•			
	30/10 39.5 29.5 10	08559	04	12	•			
	33/10 42.5 32.5 10	08559	09	00	•			
	33/10 42.5 32.5 10	08559	09	12	•			
	37/10 46.5 36.5 10	08559	10	00	•			
	37/10 46.5 36.5 10	08559	10	12	•			
	Cam Lock	72250	26	12	•	•	•	
 • KEY SWITCH. - Microswitch (7A., 250V), • ...with terminals to be soldered. • Plug springs back for key removal • Nickel plated.		72251	03	12	•	G Series	•	

LARGE OVAL CYLINDERS – C2000



Finish				C2000			01070 5 Pins					
00	Sanded Brass											
12	Nickel Plated											
23	Satin Chrome											
				CODE	S I Z E	F I N	KEYED DIFFERENT & KEYED ALIKE	MASTER KEYED to CODE	GRAND MASTER KEYED to CODE	New MK or GMK systems made to new CISA code only		
							KD, KA	MKC	GMKC		MK	GMK
				Double Cylinder								
		L	A	B								
		65	32.5	32.5	09010	10 00	•	•	•		•	•
		65	32.5	32.5	09010	10 12	•	•	•		•	•
		73	36.5	36.5	09010	15 23	•	•	•		•	•
		85	42.5	42.5	09010	80 23	•	•	•		•	•
				Knob Cylinder with "T" knob								
		65	32.5	32.5	09023	10 00	•	•	•		•	•
		65	32.5	32.5	09023	10 12	•	•	•		•	•
		73	36.5	36.5	09023	15 23	•	•	•		•	•
		85	42.5	42.5	09023	80 23	•	•	•		•	•
				Single Cylinder								
		42.5	32.5	10	09026	02 00	•	•	•		•	•
		42.5	32.5	10	09026	02 12	•	•	•		•	•
				Single Knob Cylinder with "T" knob								
		42.5	32.5	10	09090	02 00	•					
		42.5	32.5	10	09090	02 12	•					

SMALL OVAL CYLINDERS – Small key way



Key 01410

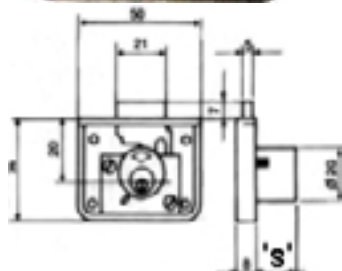
				CODE	S I Z E	F I N	KD, KA	MKC	GMKC		MK	GMK
				Double Cylinder								
		41	20	20	08210	01 12	•	•				
		55	27.7	27.7	08210	02 12	•	•			•	
		80	40	40	08210	18 12	•	•				
				Single Cylinder								
		38	27.7	10.3	08220	02 12	•	•			•	
				Knob Cylinder								
		55	27.7	27.7	08230	02 12	•	•			•	

CUPBOARD & DRAWER LOCK

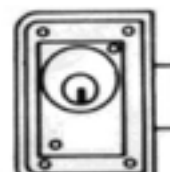
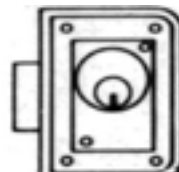


Drawer and cupboard lock

- Includes cylinder rose
- Supplied without strike plate
- Key 01420
- '12' = Nickel plated steel



Code	"S"	Fin.	KD	KA	MK
71550-20	23	12	•	•	•



Cylinder rotates to suit drawers and cupboards right and left hand



INDEX





C3000 Cylinders

Protected Key Duplication





Key protected
by 3D Trade Mark



C3000 cylinders



CYLINDER SECURITY

Attack Resistance

- High resistance to "bumping" or percussion thanks to the BKP (Bump Key Power) device.
- High resistance to housebreaking technique: highly effective against wax impression burglary thanks to the BKP device and to the special spring.
- Highly drill resistance, thanks to the hardened steel key biting system (all the pins, drivers and inserts on both sides of the cylinders).
- Push-resistant through the projecting cam.

KEY SECURITY

Key Related Security

- Trademark key for effective protection from illegal key duplication.
- Security Card for authorized key duplication by CISA or CISA authorized centers.
- Over 140.000 possible combinations or different keys.

Master Keying Potential

The 6-pin key biting system offers outstanding access management possibilities. E.g.: 15.000 different cylinders for one master key (except integrated profile capability).

RELIABILITY

Durability

- Tested for over then 100,000 cycles.

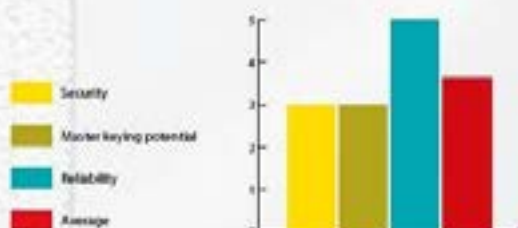
EN 1303: 2005

- Compliant with the European Standard EN 1303: 2005.

Attack Resistance: 0

Key Related Security: 6

Durability: 6



CERTIFICATIONS

- SKG**.

PATENTS

- Key blank protected by 3D Trademark no. 1 236 248 and Community Design no. 2669630
- BKP device: patent no. PCT/WO 2007/074163 A1

APPLICATIONS

C3000 is the ideal product for medium-security applications for apartment buildings. It offers satisfactory master keying potentials for companies, shopping malls, universities, hospitals combining access management with control of key duplication.

TECHNICAL FEATURES

Cylinder

- 6 pin key biting system.
- Brass body.
- Brass plugs.
- Self-lubricating DIN sintered steel cam.
- Cemented steel pins.
- Variable shape hardened steel pin drivers.
- Phosphorous bronze and steel springs.

Key

- Paracentral keyway.
- Nickel silver.
- Ergonomic grip head.
- Neck length 12 mm.
- Key numerical coding.
- Key thickness 2.4 mm.
- Depth 0.48 mm.

Finishes

- Standard: nickel plated brass (fin.12).
- On request: sanded brass (fin.00).

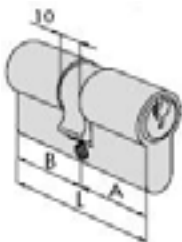
Options on request

- KA, MK, GMK, CE, CA, PP.

Standard equipment

- 3 keys item.
- Security Card.
- Fixing screw.

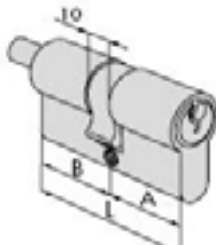
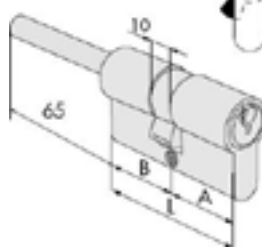
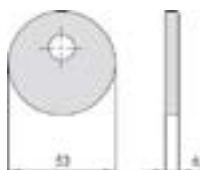
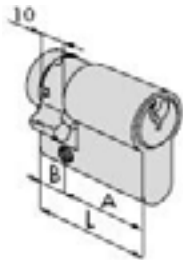


Type	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	STANDARD PROFILE T02	STANDARD PROFILE T02	GRAND MASTER KEYED T25	Personal Keyway	Personal Keyway	
Double Cylinder									KD, KA	MK	GMK	KD, KA	MK	
<u>Nickel Finish</u>														
	30/30	59	29,5	29,5	6	0N310	07	12	•	•	•	•	•	
	33/33	65	32,5	32,5	6	0N310	10	12	•	•	•	•	•	
	35/35	69	34,5	34,5	6	0N310	13	12	•	•	•	•	•	
	40/40	79	39,5	39,5	6	0N310	18	12	•	•	•	•	•	
	43/43	85	42,5	42,5	6	0N310	46	12	•	•	•	•	•	
	45/45	89	44,5	44,5	6	0N310	29	12	•	•	•	•	•	
	50/50	99	49,5	49,5	6	0N310	23	12	•	•	•	•	•	
	55/55	109	54,5	54,5	6	0N310	70	12	•	•	•	•	•	
60/60	119	59,5	59,5	6	0N310	40	12	•	•	•	•	•		
<u>Nickel Finish</u> OFF- CENTRED CYLINDERS														
	30/40	69	29,5	39,5	6	0N310	12	12	•	•	•	•	•	
	30/45	74	29,5	44,5	6	0N310	27	12	•	•	•	•	•	
	35/40	74	34,5	39,5	6	0N310	28	12	•	•	•	•	•	
	30/50	79	29,5	49,5	6	0N310	17	12	•	•	•	•	•	
	35/45	79	34,5	44,5	6	0N310	19	12	•	•	•	•	•	
	40/45	85	39,5	44,5	6	0N310	30	12	•	•	•	•	•	
	30/60	89	29,5	59,5	6	0N310	20	12	•	•	•	•	•	
	40/50	89	39,5	49,5	6	0N310	21	12	•	•	•	•	•	
	30/65	94	29,5	64,5	6	0N310	41	12	•	•	•	•	•	
	40/55	94	39,5	54,5	6	0N310	42	12	•	•	•	•	•	
	30/70	99	29,5	69,5	6	0N310	24	12	•	•	•	•	•	
	40/60	99	39,5	59,5	6	0N310	25	12	•	•	•	•	•	
	45/55	99	44,5	54,5	6	0N310	43	12	•	•	•	•	•	
	30/80	109	29,5	79,5	6	0N310	37	12	•	•	•	•	•	
	40/70	109	39,5	69,5	6	0N310	35	12	•	•	•	•	•	
	50/60	109	49,5	59,5	6	0N310	36	12	•	•	•	•	•	
30/90	119	29,5	89,5	6	0N310	52	12	•	•	•	•	•		
<u>Brass Finish</u>														
	30/30	59	29,5	29,5	6	0N310	07	00	•	•	•	•	•	
	33/33	65	32,5	32,5	6	0N310	10	00	•	•	•	•	•	
	35/35	69	34,5	34,5	6	0N310	13	00	•	•	•	•	•	
	40/40	79	39,5	39,5	6	0N310	18	00	•	•	•	•	•	
	43/43	85	42,5	42,5	6	0N310	46	00	•	•	•	•	•	
	45/45	89	44,5	44,5	6	0N310	29	00	•	•	•	•	•	
	50/50	99	49,5	49,5	6	0N310	23	00	•	•	•	•	•	
	55/55	109	54,5	54,5	6	0N310	70	00	•	•	•	•	•	
60/60	119	59,5	59,5	6	0N310	40	00	•	•	•	•	•		
<u>Brass Finish</u> OFF- CENTRED CYLINDERS														
	30/40	69	29,5	39,5	6	0N310	12	00	•	•	•	•	•	
	30/45	74	29,5	44,5	6	0N310	27	00	•	•	•	•	•	
	35/40	74	34,5	39,5	6	0N310	28	00	•	•	•	•	•	
	30/50	79	29,5	49,5	6	0N310	17	00	•	•	•	•	•	
	35/45	79	34,5	44,5	6	0N310	19	00	•	•	•	•	•	
	40/45	85	39,5	44,5	6	0N310	30	00	•	•	•	•	•	
	30/60	89	29,5	59,5	6	0N310	20	00	•	•	•	•	•	
	40/50	89	39,5	49,5	6	0N310	21	00	•	•	•	•	•	
	30/65	94	29,5	64,5	6	0N310	41	00	•	•	•	•	•	
	30/70	99	29,5	69,5	6	0N310	24	00	•	•	•	•	•	
	40/55	99	39,5	54,5	6	0N310	42	00	•	•	•	•	•	
	40/60	99	39,5	59,5	6	0N310	25	00	•	•	•	•	•	
	Finish													
	00 Sanded Brass													
	12 Nickel Plated													



Type	Nom. Length	L	A	B	Bottom Pins	CODE	SIZE	FIN	STANDARD PROFILE T02	STANDARD PROFILE T02	GRAND MASTER KEYED T25	Personal Keyway	Personal Keyway
									KD, KA	MK	GMK	KD, KA	MK
Double Cylinder													
	Brass Finish OFF-CENTRED CYLINDERS -CONTINUED												
	45/55	99	44,5	54,5	6	0N310	43	00	•	•	•	•	•
	30/80	109	29,5	79,5	6	0N310	37	00	•	•	•	•	•
	40/70	109	39,5	69,5	6	0N310	35	00	•	•	•	•	•
	50/60	109	49,5	59,5	6	0N310	36	00	•	•	•	•	•
	30/90	119	29,5	89,5	6	0N310	52	00	•	•	•	•	•
Knob Cylinder													
	Nickel Finish OFF-CENTRED CYLINDERS												
	30/30	59	29,5	29,5	6	0N312	07	12	•	•	•	•	•
	33/33	65	32,5	32,5	6	0N312	10	12	•	•	•	•	•
	35/35	69	34,5	34,5	6	0N312	13	12	•	•	•	•	•
	40/40	79	39,5	39,5	6	0N312	18	12	•	•	•	•	•
	43/43	85	42,5	42,5	6	0N312	46	12	•	•	•	•	•
	45/45	89	44,5	44,5	6	0N312	29	12	•	•	•	•	•
	50/50	99	49,5	49,5	6	0N312	23	12	•	•	•	•	•
	55/55	109	54,5	54,5	6	0N312	70	12	•	•	•	•	•
	60/60	119	59,5	59,5	6	0N312	40	12	•	•	•	•	•
 	Nickel Finish OFF-CENTRED CYLINDERS												
	30/40	69	29,5	39,5	6	0N312	82	12	•	•	•	•	•
	40/30	69	39,5	29,50	6	0N312	12	12	•	•	•	•	•
	30/45	74	29,5	44,5	6	0N312	27	12	•	•	•	•	•
	45/30	74	44,5	29,5	6	0N312	91	12	•	•	•	•	•
	35/40	74	34,5	39,5	6	0N312	28	12	•	•	•	•	•
	40/35	74	39,5	34,5	6	0N312	83	12	•	•	•	•	•
	30/50	79	29,5	49,5	6	0N312	17	12	•	•	•	•	•
	35/45	79	34,5	44,5	6	0N312	19	12	•	•	•	•	•
	45/35	79	44,5	34,5	6	0N312	85	12	•	•	•	•	•
	40/45	85	39,5	44,5	6	0N312	30	12	•	•	•	•	•
	45/40	85	44,5	39,5	6	0N312	84	12	•	•	•	•	•
	30/60	89	29,5	59,5	6	0N312	20	12	•	•	•	•	•
	40/50	89	39,5	49,5	6	0N312	21	12	•	•	•	•	•
	40/55	94	39,5	54,5	6	0N312	42	12	•	•	•	•	•
	55/40	94	54,5	39,5	6	0N312	98	12	•	•	•	•	•
	40/60	99	39,5	59,5	6	0N312	25	12	•	•	•	•	•
	45/55	99	44,5	54,5	6	0N312	43	12	•	•	•	•	•
	30/80	109	29,5	79,5	6	0N312	37	12	•	•	•	•	•
	40/70	109	39,5	69,5	6	0N312	35	12	•	•	•	•	•
	50/60	109	49,5	59,5	6	0N312	36	12	•	•	•	•	•
Brass Finish	30/30	59	29,5	29,5	6	0N312	07	00	•	•	•	•	•
	33/33	65	32,5	32,5	6	0N312	10	00	•	•	•	•	•
	35/35	69	34,5	34,5	6	0N312	13	00	•	•	•	•	•
	40/40	79	39,5	39,5	6	0N312	18	00	•	•	•	•	•
	43/43	85	42,5	42,5	6	0N312	46	00	•	•	•	•	•
	45/45	89	44,5	44,5	6	0N312	29	00	•	•	•	•	•
	50/50	99	49,5	49,5	6	0N312	23	00	•	•	•	•	•
	55/55	109	54,5	54,5	6	0N312	70	00	•	•	•	•	•
	60/60	119	59,5	59,5	6	0N312	40	00	•	•	•	•	•



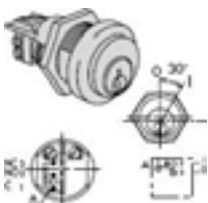
Type	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	STANDARD PROFILE T02	STANDARD PROFILE T02	GRAND MASTER KEYED T25	Personal Keyway	Personal Keyway
Knob Cylinders									KD, KA	MK	GMK	KD, KA	MK
<u>Brass Finish</u> OFF- CENTRED CYLINDERS													
  	30/40	69	29,5	39,5	6	0N312	82	00	•	•	•	•	•
	40/30	69	39,5	29,5	6	0N312	12	00	•	•	•	•	•
	30/45	74	29,5	44,5	6	0N312	27	00	•	•	•	•	•
	45/30	74	44,5	29,5	6	0N312	91	00	•	•	•	•	•
	35/40	74	34,5	39,5	6	0N312	28	00	•	•	•	•	•
	40/35	74	39,5	34,5	6	0N312	83	00	•	•	•	•	•
	30/50	79	29,5	49,5	6	0N312	17	00	•	•	•	•	•
	35/45	79	34,5	44,5	6	0N312	19	00	•	•	•	•	•
	45/35	79	44,5	34,5	6	0N312	85	00	•	•	•	•	•
	40/45	85	39,5	44,5	6	0N312	30	00	•	•	•	•	•
	45/40	85	44,5	39,5	6	0N312	84	00	•	•	•	•	•
	30/60	89	29,5	59,5	6	0N312	20	00	•	•	•	•	•
	40/50	89	39,5	49,5	6	0N312	21	00	•	•	•	•	•
	40/55	94	39,5	54,5	6	0N312	42	00	•	•	•	•	•
	55/40	94	54,5	39,5	6	0N312	98	00	•	•	•	•	•
	40/60	99	39,5	59,5	6	0N312	25	00	•	•	•	•	•
	45/55	99	44,5	54,5	6	0N312	43	00	•	•	•	•	•
	30/80	109	29,5	79,5	6	0N312	37	00	•	•	•	•	•
	40/70	109	39,5	69,5	6	0N312	35	00	•	•	•	•	•
	50/60	109	49,5	59,5	6	0N312	36	00	•	•	•	•	•
Knob cylinder with adjustable shaft													
 	30/30	60	29,5	29,5	6	0N317	07	12	•	•	•	•	•
	40/30	70	39,5	29,5	6	0N317	12	12	•	•	•	•	•
	45/30	75	44,5	29,5	6	0N317	91	12	•	•	•	•	•
	50/30	80	49,5	29,5	6	0N317	90	12	•	•	•	•	•
	60/30	90	59,5	29,5	6	0N317	87	12	•	•	•	•	•
	65/30	95	64,5	29,5	6	0N317	A3	12	•	•	•	•	•
	70/30	100	69,5	29,5	6	0N317	88	12	•	•	•	•	•
	80/30	110	79,5	29,5	6	0N317	93	12	•	•	•	•	•
	90/30	120	89,5	29,5	6	0N317	52	12	•	•	•	•	•
	Optional Escutcheon for adjustable knob cylinders - Satin Nickel					06458	20	B1	Each •				
													
Single Cylinder													
 	<u>Nickel Finish</u>												
	30/10	39,5	29,5	10,0		0N314	02	12	•	•	•	•	•
	33/10	42,5	32,5	10,0		0N314	09	12	•	•	•	•	•
	<u>Brass Finish</u>												
	30/10	39,5	29,5	10,0		0N314	02	00	•	•	•	•	•
	33/10	42,5	32,5	10,0		0N314	09	00	•	•	•	•	•
													
.....adjustable ca....													

VARIOUS CYLINDERS – C3000


Type	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	STANDARD PROFILE T02	STANDARD PROFILE T02	GRAND MASTER KEYED T25	Personal Keyway	Personal Keyway								
									KD, KA	MK	GMK	KD, KA	MK								
Large Oval Cylinders  OVAL Double Cylinder 33/33 65 32.5 32.5 6 0N710 10 12 33/33 65 32.5 32.5 6 0N710 10 00  OVAL Knob Cylinder with Knob 33/33 65 32.5 32.5 6 0N713 10 12 33/33 65 32.5 32.5 6 0N713 10 00  OVAL Single Cylinder 33/10 42.5 32.5 10 6 0N714 02 12 33/10 42.5 32.5 10 6 0N714 02 00														BKP							
VARIOUS CYLINDERS – C3000																					
	Night latch cylinder				0N510	00	00	•	•	•	•	•									
					0N510	00	12	•	•	•	•	•									
	Cylinder for 11630				0N114		12	•	•	•	•	•									
	Cylinder for 1A630				0N115		12	•	•	•	•	•									
	Cylinder for 11721,11731				0N149		12	•	•	•	•	•									
	Cylinder for 1A721 1A731				0N150		12	•	•	•	•	•									
	Cam Lock				0N410	00	12	•	•	•	•	•									

VARIOUS CYLINDERS – C3000



Type	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	STANDARD PROFILE T02	STANDARD PROFILE T02	GRAND MASTER KEYED T25	Personal Keyway	Personal Keyway
									KD, KA	MK	GMK	KD, KA	MK
 Cam Lock Micro-Switch						0N415	03	12	•	•	•	•	•
 Cylinder for steel padlock						0N610	00		•	•	•	•	•
 Threaded Cylinder						0N810	00	12	•	•	•	•	•
 Key blanks						00430	T02		•				
						00430	PER.		•				
						00430	GMK		•				

C3000 PADLOCKS



Type	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	STANDARD PROFILE T02	STANDARD PROFILE T02	GRAND MASTER KEYED T25	Personal Keyway	Personal Keyway
									KD, KA	MK	GMK	KD, KA	MK
 SOLID BRASS PADLOCK FOR REPLACEABLE SINGLE CYLINDER Supplied with 0N314-02						26810	C3		•	•	•	•	•
SOLID HARDENED STEEL PADLOCKS													
						28058	55		•	•	•	•	•
						28058	56		•	•	•	•	•
						28058	57		•	•	•	•	•
						28058	70		•	•	•	•	•
						28358	62		•	•	•	•	•
SOLID HARDENED STEEL SLIDE BOLT PADLOCKS													
						28558	67		•	•	•	•	•
						28558	75		•	•	•	•	•
						28558	85		•	•	•	•	•





*New Astral Tekno cylinder
Protected key duplication*



New Astral Tekno cylinder



KEY:

- PATENTED SYSTEM

Highly effective protection from illegal key duplication.

- KEY HEAD

Ergonomic, red plastic material, handy to use and to put in a keyring.

- CUSTOMIZABLE

Customizable insert in the key head.



SECURITY CARD:

PROTECTED KEY DUPLICATION

The keys can only be duplicated by CISA or CISA authorized partners on presentation of the Security Card.



CYLINDER:

- EMERGENCY FUNCTION

The clutch-type cam enables to quickly open the door if the key is accidentally left in the lock from the inside. This ensures maximum personal security and door protection.

- PROFILES

Wide range of customized profiles.



CERTIFICATES

Ghost - Russia



PATENTS

Key: registered patent EP 1 867 810 B1

BKP no. PCT/WO 2007/074163 A1





Astral Tekno is the ideal product for medium-security applications: residential buildings, armored door manufacturing. It offers satisfactory master keying potentials for companies, shopping malls, universities or hospitals, combining access management with control of key duplication.

CYLINDER SECURITY

Attack Resistance

- High resistance to "bumping" or percussion thanks to the BKP (Bump Key Power) device.
- High resistance to housebreaking technique: highly effective against wax impression burglary thanks to the BKP device and to the special shape of spring.
- Highly drill resistance, thanks to the hardened steel key biting system.
- Push-resistant through the projecting cam.

KEY SECURITY

Key Related Security

- Patented key for highly effective protection from illegal key duplication.
- Security Card for authorized key duplication by CISA or CISA authorized centers.
- 10 pin, 2 row key biting systems.
- Over 1,600,000 possible combinations or different keys.

MASTER KEYING POTENTIAL

- The 10-pin key biting system offers outstanding access management possibilities. E.g.: 63,000 different cylinders for one master key.

RELIABILITY

Durability

- Tested to max 100,000 cycles.

EN 1303: 2005

- Compliant with the European Standard EN 1303: 2005.

Attack Resistance: 0



Key Related Security: 6



Durability: 6



CERTIFICATIONS

- Ghost - Russia Certificate.

PATENTS

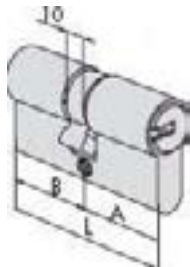
- Patent application: EP 1 867 810 B1
- BKP device: patent no. PCT/WO 2007/074163 A1

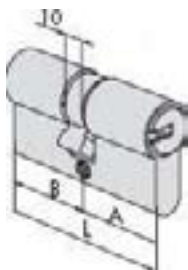
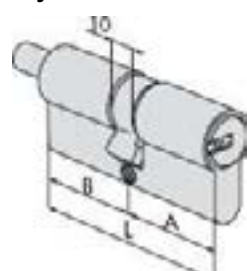


IDENTIFYING FEATURES

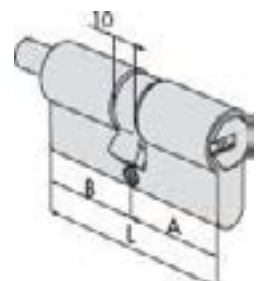
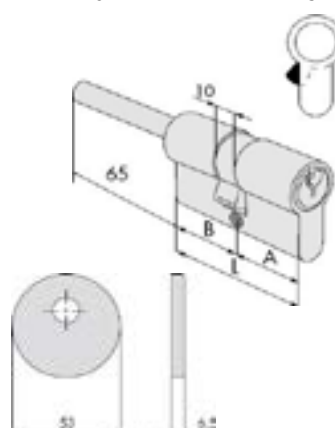
- Key duplication: key duplicates can only be obtained from CISA or on presentation of the Security Card to a CISA authorized center.
- Plastic material ergonomic grip key.
- Wide range of customized profiles.
- BKP high resistance to "bumping" or percussion.
- Emergency function via the supplied clutch-type cam.
- New case packaging.



Type		Finish				ASTRAL TEKNO		00690 10 Pins					
		00	Sanded Brass										
		12	Nickel Plated										
Double Cylinder	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	KEYED DIFFERENT, & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	CON- STRUCTION MASTER KEYED. +ADD	
									KD, KA	MK	GMK	MKC	
									ADD				
<u>Nickel Finish</u>													
	30/30	59	29,5	29,5	6	0M310	07	12	.	.	.	.	
	33/33	65	32,5	32,5	6	0M310	10	12	.	.	.	.	
	35/35	69	34,5	34,5	6	0M310	13	12	.	.	.	.	
	40/40	79	39,5	39,5	6	0M310	18	12	.	.	.	.	
	43/43	85	42,5	42,5	6	0M310	46	12	.	.	.	.	
	45/45	89	44,5	44,5	6	0M310	29	12	.	.	.	.	
	50/50	99	49,5	49,5	6	0M310	23	12	.	.	.	.	
	55/55	109	54,5	54,5	6	0M310	70	12	.	.	.	.	
60/60	119	59,5	59,5	6	0M310	40	12	.	.	.	.		
OFF- CENTRED CYLINDERS													
<u>Nickel Finish</u>													
	30/40	69	29,5	39,5	6	0M310	12	12	.	.	.	.	
	30/45	74	29,5	44,5	6	0M310	27	12	.	.	.	.	
	35/40	74	34,5	39,5	6	0M310	28	12	.	.	.	.	
	30/50	79	29,5	49,5	6	0M310	17	12	.	.	.	.	
	35/45	79	34,5	44,5	6	0M310	19	12	.	.	.	.	
	40/45	85	39,5	44,5	6	0M310	30	12	.	.	.	.	
	30/60	89	29,5	59,5	6	0M310	20	12	.	.	.	.	
	40/50	89	39,5	49,5	6	0M310	21	12	.	.	.	.	
	30/65	94	29,5	64,5	6	0M310	41	12	.	.	.	.	
	40/55	94	39,5	54,5	6	0M310	42	12	.	.	.	.	
	30/70	99	29,5	69,5	6	0M310	24	12	.	.	.	.	
	40/60	99	39,5	59,5	6	0M310	25	12	.	.	.	.	
	45/55	99	44,5	54,5	6	0M310	43	12	.	.	.	.	
	30/80	109	29,5	79,5	6	0M310	37	12	.	.	.	.	
	40/70	109	39,5	69,5	6	0M310	35	12	.	.	.	.	
	50/60	109	49,5	59,5	6	0M310	36	12	.	.	.	.	
	30/90	119	29,5	89,5	6	0M310	52	12	.	.	.	.	
	<u>Brass Finish</u>												
	30/30	59	29,5	29,5	6	0M310	07	00	.	.	.	.	
	33/33	65	32,5	32,5	6	0M310	10	00	.	.	.	.	
35/35	69	34,5	34,5	6	0M310	13	00	.	.	.	.		
40/40	79	39,5	39,5	6	0M310	18	00	.	.	.	.		
43/43	85	42,5	42,5	6	0M310	46	00	.	.	.	.		
45/45	89	44,5	44,5	6	0M310	29	00	.	.	.	.		
50/50	99	49,5	49,5	6	0M310	23	00	.	.	.	.		
55/55	109	54,5	54,5	6	0M310	70	00	.	.	.	.		
60/60	119	59,5	59,5	6	0M310	40	00	.	.	.	.		
OFF- CENTRED CYLINDERS													
<u>Brass Finish</u>													
	30/40	69	29,5	39,5	6	0M310	12	00	.	.	.	.	
	30/45	74	29,5	44,5	6	0M310	27	00	.	.	.	.	
	35/40	74	34,5	39,5	6	0M310	28	00	.	.	.	.	
	30/50	79	29,5	49,5	6	0M310	17	00	.	.	.	.	
	35/45	79	34,5	44,5	6	0M310	19	00	.	.	.	.	

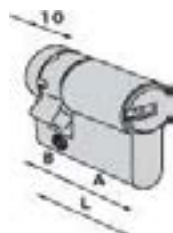
Type						ASTRAL TEKNO		00690 10 Pins				
Double Cylinder	Nom. Length	L	A	B	Bottom Pins	CODE	S I Z E	F I N	KEYED DIFFERENT, & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	CON- STRUCTION MASTER KEYED. +ADD
									KD, KA	MK	KD, KA	MKC
OFF- CENTRED CYLINDERS												
<u>Brass Finish</u>												
	40/45	85	39,5	44,5	6	0M310	30	00	.	.	.	.
	30/60	89	29,5	59,5	6	0M310	20	00	.	.	.	.
	40/50	89	39,5	49,5	6	0M310	21	00	.	.	.	.
	30/65	94	29,5	64,5	6	0M310	41	00	.	.	.	.
	40/55	94	39,5	54,5	6	0M310	42	00	.	.	.	.
	30/70	99	29,5	69,5	6	0M310	24	00	.	.	.	.
	40/60	99	39,5	59,5	6	0M310	25	00	.	.	.	.
	45/55	99	44,5	54,5	6	0M310	43	00	.	.	.	.
	30/80	109	29,5	79,5	6	0M310	37	00	.	.	.	.
	40/70	109	39,5	69,5	6	0M310	35	00	.	.	.	.
	50/60	109	49,5	59,5	6	0M310	36	00	.	.	.	.
	30/90	119	29,5	89,5	6	0M310	52	00	.	.	.	.
Emergency Function - key operates both sides together									ADD	ADD	ADD	
									.	.	.	
EMERGENCY FUNCTION ADD prefix EM to cylinder code												
Knob Cylinders with "T" Knob						<u>Nickel Finish</u>						
	30/30	59	29,5	29,5	6	0M312	07	12	.	.	.	.
	33/33	65	32,5	32,5	6	0M312	10	12	.	.	.	.
	35/35	69	34,5	34,5	6	0M312	13	12	.	.	.	.
	40/40	79	39,5	39,5	6	0M312	18	12	.	.	.	.
	43/43	85	42,5	42,5	6	0M312	46	12	.	.	.	.
	45/45	89	44,5	44,5	6	0M312	29	12	.	.	.	.
	50/50	99	49,5	49,5	6	0M312	23	12	.	.	.	.
	55/55	109	54,5	54,5	6	0M312	70	12	.	.	.	.
	60/60	119	59,5	59,5	6	0M312	40	12	.	.	.	.
	OFF- CENTRED KNOB CYLINDERS											
<u>Nickel Finish</u>												
	30/40	69	29,5	39,5	6	0M312	82	12	.	.	.	.
	40/30	69	39,5	29,5	6	0M312	12	12	.	.	.	.
	30/45	74	29,5	44,5	6	0M312	27	12	.	.	.	.
	35/40	74	34,5	39,5	6	0M312	28	12	.	.	.	.
	40/35	74	39,5	34,5	6	0M312	83	12	.	.	.	.
	45/30	74	44,5	29,5	6	0M312	91	12	.	.	.	.
	30/50	79	29,5	49,5	6	0M312	17	12	.	.	.	.
	35/45	79	34,5	44,5	6	0M312	19	12	.	.	.	.
	45/35	79	44,5	34,5	6	0M312	85	12	.	.	.	.
	40/45	85	39,5	44,5	6	0M312	30	12	.	.	.	.
	45/40	85	44,5	39,5	6	0M312	84	12	.	.	.	.
	30/60	89	29,5	59,5	6	0M312	20	12	.	.	.	.
	40/50	89	39,5	49,5	6	0M312	21	12	.	.	.	.
	40/55	94	39,5	54,5	6	0M312	42	12	.	.	.	.
	55/40	94	54,5	39,5	6	0M312	98	12	.	.	.	.
	40/60	99	39,5	59,5	6	0M312	25	12	.	.	.	.
	45/55	99	44,5	54,5	6	0M312	43	12	.	.	.	.
	30/80	109	29,5	79,5	6	0M312	37	12	.	.	.	.
	40/70	109	39,5	69,5	6	0M312	35	12	.	.	.	.
	50/60	109	49,5	59,5	6	0M312	36	12	.	.	.	.

BKP

Type		Finish		ASTRAL TEKNO			00690 10 Pins					
		00 Sanded Brass	12 Nickel Plated									
Knob Cylinder with "T" Knob	Nom. Length	Length	Key Side	Knob Side	Bottom Pins	CODE	SIZE	FIN	KEYED DIFFERENT, & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	CON- STRUCTION MASTER KEYED. +ADD
		L	A	B								
		<u>Brass Finish</u>										
	30/30	59	29,5	29,5	6	0M312	07	00	.	.	.	.
	33/33	65	32,5	32,5	6	0M312	10	00	.	.	.	.
	35/35	69	34,5	34,5	6	0M312	13	00	.	.	.	.
	40/40	79	39,5	39,5	6	0M312	18	00	.	.	.	.
	43/43	85	42,5	42,5	6	0M312	46	00	.	.	.	.
	45/45	89	44,5	44,5	6	0M312	29	00	.	.	.	.
	50/50	99	49,5	49,5	6	0M312	23	00	.	.	.	.
	55/55	109	54,5	54,5	6	0M312	70	12	.	.	.	.
	60/60	119	59,5	59,5	6	0M312	40	12	.	.	.	.
OFF- CENTRED KNOB CYLINDERS												
		<u>Brass Finish</u>										
	30/40	69	29,5	39,5	6	0M312	82	00	.	.	.	.
	40/30	69	39,5	29,5	6	0M312	12	00	.	.	.	.
	30/45	74	29,5	44,5	6	0M312	27	00	.	.	.	.
	35/40	74	34,5	39,5	6	0M312	28	00	.	.	.	.
	40/35	74	39,5	34,5	6	0M312	83	00	.	.	.	.
	45/30	74	44,5	29,5	6	0M312	91	00	.	.	.	.
	30/50	79	29,5	49,5	6	0M312	17	00	.	.	.	.
	35/45	79	34,5	44,5	6	0M312	19	00	.	.	.	.
	45/35	79	44,5	34,5	6	0M312	85	00	.	.	.	.
	40/45	85	39,5	44,5	6	0M312	30	00	.	.	.	.
	45/40	85	44,5	39,5	6	0M312	84	00	.	.	.	.
	30/60	89	29,5	59,5	6	0M312	20	00	.	.	.	.
	40/50	89	39,5	49,5	6	0M312	21	00	.	.	.	.
	40/55	94	39,5	54,5	6	0M312	42	00	.	.	.	.
	55/40	94	54,5	39,5	6	0M312	98	00	.	.	.	.
	40/60	99	39,5	59,5	6	0M312	25	00	.	.	.	.
	45/55	99	44,5	54,5	6	0M312	43	00	.	.	.	.
	30/80	109	29,5	79,5	6	0M312	37	00	.	.	.	.
	40/70	109	39,5	69,5	6	0M312	35	00	.	.	.	.
	50/60	109	49,5	59,5	6	0M312	36	00	.	.	.	.
Knob cylinder with adjustable shaft												
	30/30	60	29,5	29,5	6	0M317	07	12	.	.	.	.
	40/30	70	39,5	29,5	6	0M317	12	12	.	.	.	.
	45/30	75	44,5	29,5	6	0M317	91	12	.	.	.	.
	50/30	80	49,5	29,5	6	0M317	90	12	.	.	.	.
	60/30	90	59,5	29,5	6	0M317	87	12	.	.	.	.
	65/30	95	64,5	29,5	6	0M317	A3	12	.	.	.	.
	70/30	100	69,5	29,5	6	0M317	88	12	.	.	.	.
	80/30	110	79,5	29,5	6	0M317	93	12	.	.	.	.
	90/30	120	89,5	29,5	6	0M317	52	12	.	.	.	.
	Optional Escutcheon for adjustable knob cylinders - Satin Nickel					06458	20	B1	Each	.		

**ASTRAL
TEKNO**
00690
10 Pins
Finish
00 Sanded Brass
12 Nickel Plated

Nom. Length	Length L	Key Side A	Knob Side B	Bottom Pins



.....adjustable cam

Nickel Plated

30/10	39,5	29,5	10,0	6
33/10	42,5	32,5	10,0	6

Brass Finish

30/10	39,5	29,5	10,0	6
33/10	42,5	32,5	10,0	6

**OVAL Double Cylinder**

33/33	65	32,5	32,5	6
33/33	65	32,5	32,5	6

OVAL Knob Cylinder with Knob

33/33	65	32,5	32,5	6
33/33	65	32,5	32,5	6

OVAL Single Cylinder

33/10	42,5	32,5	10	6
33/10	42,5	32,5	10	6

CODE	S I Z E	F I N	KEYED DIFFERENT, & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	CON- STRUCTION MASTER KEYED. +ADD
			KD, KA	MK	GMK	MKC

0M314	02	00	.	.	.	.
0M314	09	12	.	.	.	.

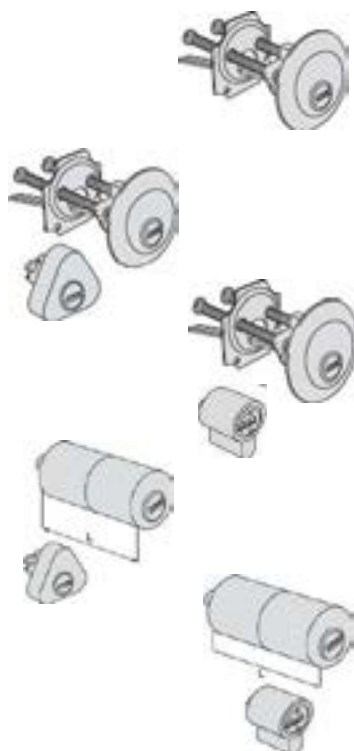
0M314	02	00	.	.	.	.
0M314	09	00	.	.	.	.

0M710	10	00	.	.	.	.
0M710	10	12	.	.	.	.

0M713	10	00	.	.	.	.
0M713	10	12	.	.	.	.

0M714	02	66	.	.	.	.
0M714	02	12	.	.	.	.

VARIOUS ASTRAL TEKNO CYLINDERS

**Night latch cylinder**

6	0M510	00	00	.	.	.	.
	0M510	00	12	.	.	.	.

Cylinder for 11630

6	0M114		12	.	.	.	.
---	-------	--	----	---	---	---	---

Cylinder for 1A630

6	0M115		12	.	.	.	.
---	-------	--	----	---	---	---	---

Cylinder for 11721,11731.with fixing screws and tube
L=50

6	0M149		12	.	.	.	.
---	-------	--	----	---	---	---	---

Cylinder for 1A721 1A731.with fixing screws and tube
L=50

6	0M150		12	.	.	.	.
---	-------	--	----	---	---	---	---

ASTRAL TEKNO PADLOCKS

Security at a glance



SNAP RESISTANT CYLINDERS:
security goes upfront

SNAP RESISTANT:
instantly recognizable, even
when the cylinder is fitted.

From today, potential burglars will be dissuaded when they see that the cylinder you have installed is likely to make their work far more difficult than anticipated.

A CISA cylinder equipped with SNAP RESISTANT is an efficient deterrent that can actually forestall intrusion attempts.



One of the most commonly used intrusion techniques is to break the cylinder and then pull it out of the door.



The classic method of countering this practice is to fit protective roses.

But protective roses can often be impractical, since it may call for costly alterations to the door or replacement of the entire lockset.



Note that the cylinder must never protrude more than 3 mm from the face of the door.



=SNAP RESISTANT

SNAP RESISTANT, flexural strength: +40%.

Compared to the value typically provided by conventional cylinders.

SNAP RESISTANT, pulling resistance: +40%.

Compared to the value typically provided by a conventional cylinders. According to EN 1303, test 5.7.8.



- 6 rigid hardened steel segments
- 1 flexible stainless steel segment.

Segments pack extends through the entire length of the cylinder and is visible at both ends, even when the cylinder is installed in the door!

SNAP RESISTANT, the innovative solution.

Patented utility model BO2003U000006 dated 16 January 2003.



Security goes upfront

CISA developed SNAP RESISTANT CYLINDERS to thwart break-in attempts before they start!

SNAP RESISTANT is a **HIGH STRENGTH HIGH FLEXIBILITY** core that runs through the entire depth of the cylinder.

The core is composed of:

6 rigid segments to impart greater breaking strength.

1 flexible segment to defeat attempts to wrench the cylinder out of its seat.



Strength and Flexibility:
the perfect balance for top security performance.

ASTRAL SNAP RESISTANT EURO PROFILE CYLINDERS

QUALITY YOU CAN MEASURE

Conforms to Internationally accepted European Norm EN1303:2005 Key Related Security Grade 6, Attack Resistance Grade 1 and Durability Grade 6 - 100,000 duty cycles.



MAIN FEATURES

ACTIVE SECURITY

- **NUMBER OF KEY DIFFERS:** over 1,600,000.

PASSIVE SECURITY

- **Tearing Resistance - Snap Resistant**
 - Core made of 6 rigid segments and 1 flexible segment extending through the entire length of cylinder, visible at both ends of the cylinder, even when installed.
- **Push resistance: projecting cam.**
- **Drill resistance:**
 - Hardened steel insert in both ends of cylinder body.
 - Hardened steel pin and driver in first position
- **Bump Key Resistant "BKP":**
 - Use of patented special top pins.

KEY ARRANGEMENT CAPACITY

- 63,000 different cylinders per MK key. (including passive pin capacity.)

RELIABILITY

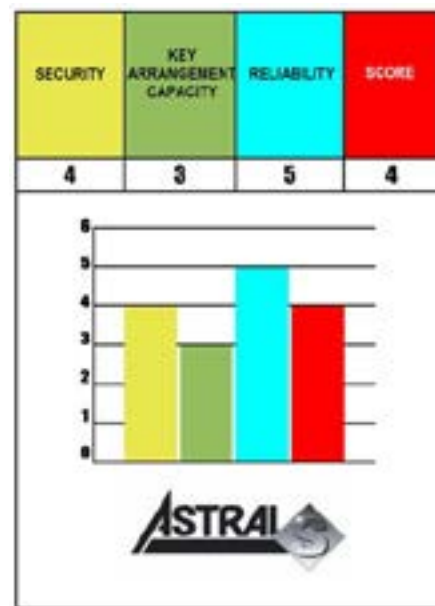
- 100 000 cycles (compliant with EN 1303:2005 –Durability Grade 6)

CERTIFICATION

- Certified by ICIM according to European Norm EN 1303:2005.
- Durability Grade 6.
- Key Related Security Grade 6.
- Attack Resistance Grade 1.

PATENTS

- Utility Model: B02003U000006 (Snap Resistant features).



Technical features: CYLINDER

- 10 pin (6 actives, 4 Passives) key biting system.
- Brass body
- Brass plugs.
- Self-lubricating sintered steel projecting cam, DIN compatible.
- Pins
 - in wear resistant bronze
 - in hardened steel in first position
- Drivers
 - in brass.
 - in hardened steel in first position.
- Phosphor bronze and steel springs.

Technical features: KEY

- flat reversible key
- in special brass alloy nickel plated.
- Numbered on key head.
- 2.9mm thickness.
- .48mm depths.

On request:

- KA – Keyed Alike.
- MK – Master Keyed.
- GMK – Grand Master Keyed.
- CL – Central Locking.

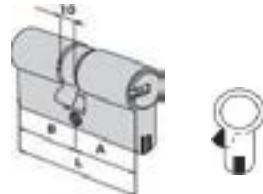
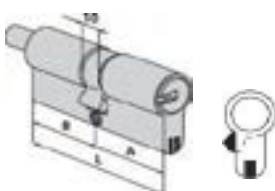
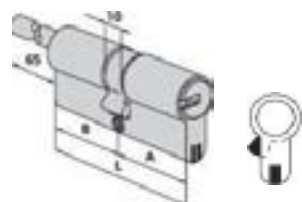
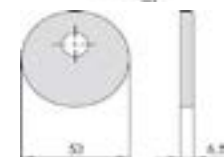
Supplied as stand

- Cylinder fixing screw.
- 2 Keys: 00620-01
- CODE CARD for direct code for ease of duplication

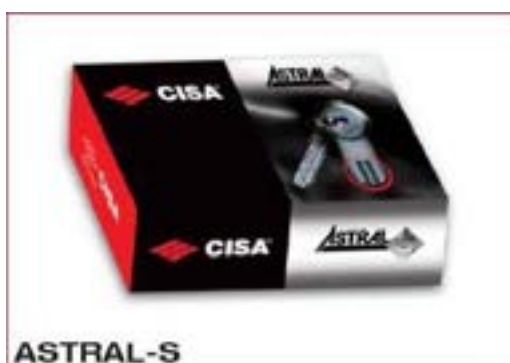
Finishes:

- Standard: sanded brass (finish 00).
- On request: nickel plated (finish 12).



								00620 10 Pins				
Finish 00 Sanded Brass 12 Nickel Plated	Nom. Length	L	A	B	CODE	SIZE	FIN	KEYED DIFFERENT & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	CON- STRUCTION MASTER KEYED. +ADD	BUMP KEY RESISTANT +ADD
								KD, KA	MK	GMK	CMK	BKP
Double Cylinder												
												
Double Cylinder												
	30/30	60	29.5	29.5	0A3S0	07	12	•	•	•	•	
	30/30	60	29.5	29.5	0A3S0	07	00	•	•	•	•	
	33/33	65	32,5	32,5	0A3S0	10	12	•	•	•	•	
	33/33	65	32,5	32,5	0A3S0	10	00	•	•	•	•	
Emergency Function - key operates both sides together												
												
EMERGENCY FUNCTION					EM			ADD	ADD	ADD		
ADD prefix EM to cylinder code								•	•	•		
Knob Cylinder												
												
Knob Cylinder with "T" knob												
	30/30	60	29.5	29.5	0A3S2	07	12	•	•	•	•	
	30/30	60	29.5	29.5	0A3S2	07	00	•	•	•	•	
	33/33	65	32,5	32,5	0A3S2	10	12	•	•	•	•	
	33/33	65	32,5	32,5	0A3S2	10	00	•	•	•	•	
Knob cylinder with adjustable shaft												
												
	30/30	60	29,5	29,5	0A3S7	07	12	•	•	•	•	
												
Optional Escutcheon for adjustable knob cylinders - Satin Nickel					06458	20	B1		Each	•		
B K P I N C L U D E D												

B K P I N C L U D E D



Note that the cylinder must never protrude more than 3mm from the face of the door.

AP3 SNAP RESISTANT EURO PROFILE CYLINDERS



QUALITY YOU CAN MEASURE

Conforms to Internationally accepted European Norm EN1303:2005 Key Related Security Grade 6, Attack Resistance Grade 2 and Durability Grade 6 - 100,000 duty cycles.



MAIN FEATURES

ACTIVE SECURITY

- **PATENTED SYSTEM:** key with spring-loaded pin.
- **SECURITY CARD:** for authorized duplication system. Keys can only be duplicated by CISA or CISA Solution Partner, and only upon presentation of the Security Card.
- **NUMBER OF KEY DIFFERS:** over 40,000,000

PASSIVE SECURITY

- **Tearing Resistance – Snap Resistant:**
- **Push Resistance:** projecting cam.
- **Drill Resistance:**
 - one hardened steel insert into both sides of the cylinder body
 - 3 hardened steel inserts into plug
 - hardened steel pins drivers and passive pins.
- **Picking resistance:**
 - special shape of drivers, one active patented pin
- **Bump Key Resistant "BKP":** patented top pin

KEYING ARRANGEMENT CAPACITY

- 132,000 different cylinders per MK key (including passive pins capacity).
- other configurations available upon request.

RELIABILITY

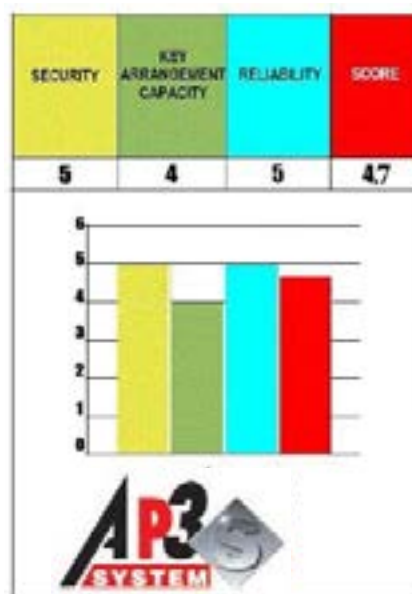
- 100,000 cycles (compliant with European EN 1303:2005 - Durability grade 6)

CERTIFICATION

- Certified by ICIM according to European Norm EN 1303:2005.
- Durability Grade 6, Key Related Security Grade 6, Attack Resistance Grade 2.

PATENTS

- PCT/EP99/07611
- Utility Model: B02003U000006 Snap Resistant



Technical Features:

CYLINDER:

- 12 pins (6 + 1 active, 5 passive) key biting system.
- Brass body and plugs.
- Self lubricating sintered steel projecting DIN cam.
- Pins:
 - in hardened steel
 - special anti-picking shape
- Drivers:
 - in hardened steel, cylindrical and mushroom for an anti-picking function.
- phosphor bronze and steel springs

KEY

- Flat reversible keys
- in nickel silver alloy
- numbered on key head
- 2.9mm thickness
- 0.48mm depth
- compatible with protective roses

Finishes:

- Standard: nickel-plated sanded brass (fin.12)
- on request: polished brass (fin 66)

On Request:

- KA, MK, GMK, GGMK, CL

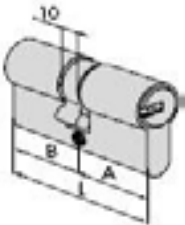
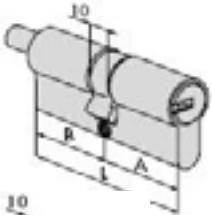
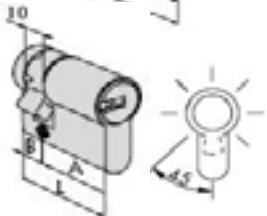
Supplied as standard:

- fixing screw
- user maintenance instructions.
- 2 keys art 1.00770.00.0
- SECURITY CARD.



"AP3" SNAP RESISTANT CYLINDERS



Finish							AP3 SYSTEM		00770 12 Pins								
12	Nickel Plated	23	Satin Chrome	66	Polished Brass												
					Nom. Length	L	A	B	CODE	S I Z E	F I N	KEYED DIFFERENT & KEYED ALIKE	MASTER KEYED	GRAND MASTER KEYED	CON- STRUCTION MASTER KEYED. +ADD	BUMP KEY RESISTANT +ADD	
												KD, KA	MK	GMK	CMK	BKP	
					Double Cylinder												
					30/30	59	29,5	29,5	0H3S0	07	12	•	•	•	•		
									0H3S0	07	66	•	•	•	•		
					33/33	65	32,5	32,5	0H3S0	10	12	•	•	•	•		
									0H3S0	10	66	•	•	•	•		
					35/35	69	34,5	34,5	0H3S0	13	12	•	•	•	•		
					Knob Cylinder with "T" knob												
					30/30	59	29,5	29,5	0H3S2	07	12	•	•	•	•		
									0H3S2	07	66	•	•	•	•		
					33/33	65	32,5	32,5	0H3S2	10	12	•	•	•	•		
									0H3S2	10	66	•	•	•	•		
					35/35	69	34,5	34,5	0H3S2	13	12	•	•	•	•		
					Single Cylinder												
					30/10	39,5	29,5	10,0	0H314	02	12	•	•	•	•		
									0H314	02	66	•	•	•	•		
					30/10	44.5	34.5	10,0	0H314	09	12	•	•	•	•		
									0H314	09	66	•	•	•	•		

B K P I N C L U D E D

"AP3" LARGE OVAL CYLINDERS

	OVAL Double Cylinder												
	33/33	65	32.5	32.5	0H710	10	23		•	•	•	•	
	33/33	65	32.5	32.5	0H710	10	66		•	•	•	•	
	OVAL Knob Cylinder with "T" knob												
	33/33	65	32.5	32.5	0H712	10	23		•	•	•	•	
	OVAL Single Cylinder												
	33/10	42.5	32.5	10	0H714	02	23		•	•	•	•	

"AP3" CYLINDERS

	Electric Lock Cylinder Set 11721, 11931				0H149	00	00		•	•	•	•	
	Elettrika Cylinder Set 1A721, 1A731				0H150	00	00		•	•	•	•	
	Cam Lock				0H410	00	12		•	•	•	•	





WOODEN DOOR LOCKS

SASH LOCKS



NEW

Technical Features

- Reversible latch with patented design
- Stainless steel strike and face plate
- Includes black plastic strike box
- Include screw holes for rose & escutcheon
- Includes fixing screws

Factory Value Test

- Latch tested to 200 000 duty cycles
- Dead bolt tested to 50 000 cycles
- Latch withstands side force of 200 kg
- Bolt withstands side force of 300kg
- Withstands force of 100kg on bolt end
- Complied with 96 hour salt spray test

Key also draws back latch



Modified 30 Sep. 2019

Item		Description	Faceplate	Throws	Type	Backset	Finish	List Price
	Sash Lock	Stainless Steel	22	1	DPS61	57	SS	123.00
	Sash Lock	Satin PVD Brass	22	1	DPS61	57	SB	169.00
	Sash Lock	Black Plated	22	1	DPS61	57	BL	159.00
					Lock only			
	Sash Lock	Stainless Steel	22	1	DPS61	57C	SS	278.00
	Sash Lock	Satin PVD Brass	22	1	DPS61	57C	SB	296.00
		Cylinder 60mm Locking Line						
<u>Dusty</u> Chrome plated Aluminium handles and pressed steel plates	Dusty Handle Set	Chrome plated			DPS	H2	CP	105.00
	Dusty Handle Set	Black Plated			DPS	H2	BL	123.00
	Sash Lock	Chrome plated	22	1	DPS61	57	H2	223.00
	Sash Lock	Black Plated	22	1	DPS61	57	H2BL	282.00
					Lock with Handle			
	Dusty Handle & Lock	Chrome plated	22	1	DPS61	57C	H2	382.00
			Cylinder 60mm Locking Line					
	Dead Lock	Stainless Steel	22	1	DPS61D	57	SS	114.00
		Without Cylinder						

3 LEVER LOCK – WITH 3 KEYS



Technical Features

- Reversible latch with patented design
- Stainless Steel strike and face plate
- Includes black plastic strike box
- Includes fixing screws
- 3 Keys
- 100 key differs
- Black Plated on request

Factory Value Test

- Latch tested to 200 000 duty cycles
- Dead bolt tested to 50 000 cycles
- Latch withstands side force of 200 kg
- Bolt withstands side force of 300kg
- Withstands force of 100kg on bolt end
- Complied with 96 hour salt spray test



Modified 1 September 2019

Modified 1 September 2019									
Item	Description	Finish - Face plate & strike	Faceplate	Throws	Type	Backset	Finish	List Price	
	Sash Lock	Stainless Steel	22	1	Keyed Different				
	Sash Lock	Satin Brass	22	1	DPS3L	57	SS	148.00	
	Sash Lock	Black Plated	22	1	DPS3L	57	SB	181.00	
					DPS3L	57	BL	174.00	
					Keyed Alike				
	Sash Lock	Stainless Steel	22	1	DPS3L	57	SS-KA	148.00	
	<u>Dusty</u> Chrome & Black plated Aluminium handles and pressed steel plates								
					Handle set only				
	Dusty Handle Set	Chrome Plated			DPS	H1	CP	105.00	
	Dusty Handle Set	Black Plated			DPS	H1	BL	123.00	
					Lock set with handle				
	Dusty Handle & Lock	Chrome Plated	22	1	DPS3L	SET	H1	252.00	
Dusty Handle & Lock	Black Plated	22	1	DPS3L	SET	H1-BL	289.00		
	Dead Lock	Stainless Steel	22	1	DPS3LD	57	SS	133.00	
					Key Blank				
					DPS3	KEY		9.00	
					CUT Key Nbr 101-200				
				DPS3	KEY	101...	10.20		



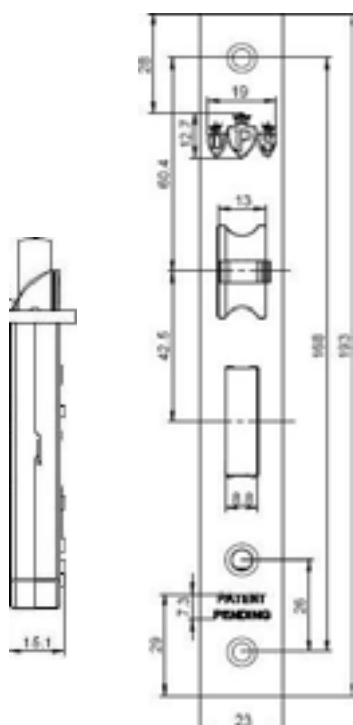
Technical Features

- Reversible Silent latch
- Converts from single to double throw
- Stainless steel strike and face plate
- Includes black plastic strike box
- Include screw holes for rose & escutcheon
- Includes fixing screws

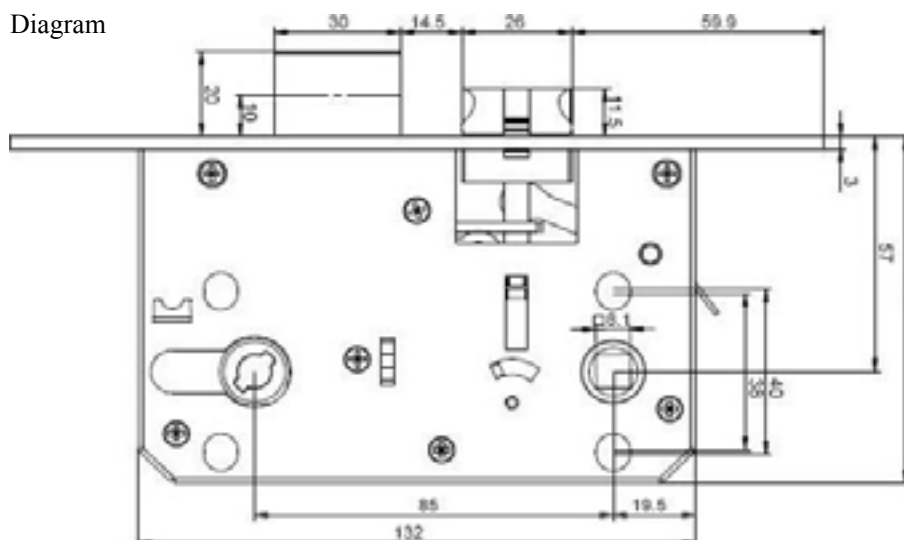
Factory Value Test

- Latch tested to 200 000 duty cycles
- Dead bolt tested to 50 000 cycles
- Latch withstands side force of 300 kg
- Bolt withstands side force of 500kg
- Withstands force of 400kg on bolt end
- Complied with 96 hour salt spray test

Item	Description	Faceplate	Throws	Type	Backset	Finish	Frame	List Price
Converts from Single Throw to Double Throw ----- Remove one screw ----- 	Lock only for Steel Frames							
	Stainless Steel	23	2	DPS85	57	SS		154.00
	Brass Plated	23	2	DPS85	57	BP		206.00
	Lock only for Wooden Frames... ...including black plastic box							
	Stainless Steel	23	2	DPS85	57	SS	W	180.00
	Brass Plated	23	2	DPS85	57	BP	W	244.00
	Strike Plate with black plastic box							
	Stainless Steel	23	2	DPS85	57	STRSS	W	26.00
	Brass Plated	23	2	DPS85	57	STRBP	W	38.00



Diagram





Technical Features

- ☞ Robust construction for high level durability....
.....and security
- ☞ Black powder coated steel case gives.....
.....exceptional corrosion resistance
- ☞ Single chrome plated 15mm throw **steel deadbolt**
Steel chrome plated reversible latch
- Reversible latch - twist and pull.
- ☞ 35° follower action for firm positive opening action,
.....with firm follower spring for heavy duty handles.
- ☞ Suitable for Large Oval cylinders as well
- ☞ Separate forend in stainless steel or brass,
.....to conceal all fixings.

Included

- Flat strike, stainless steel or brass.
- Fixing screws for lock and striker

Specification

- **Bolt Tested:**
 - 500 kg side push resistant
 - 400 kg front push resistant
- **Durability Tested:**
 - 200 000 cycles 120N load ..
.. on the latch
- **Door Suitability**
 - up to 200kg doors, 15N max
...closing force.
- **Corrosion Resistance: F**
 - High Corrosion Resistant
 - 96 hour salt spray test



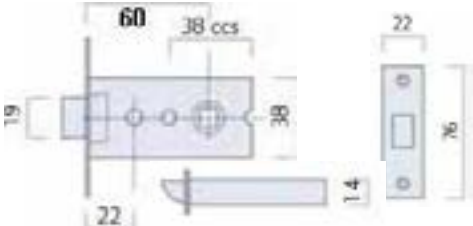
Item	Description	Faceplate	Throws	Type	Backset	Finish	Price without Cylinder
	☞ Dead lock version						
	- Brass face plate and brass plated strike - Stainless Steel face plate and strike	25	1	55210	57	00	•
	☞ Latch and dead bolt						
	• Chrome plated steel Latch, Pull and Twist for on site handing - Brass face plate and brass plated strike - Stainless Steel face plate and strike	25	1	55220	57	00	•
	Optional Conversion kit to fit WC Toitel knob, 8mm spindle	25	1	55220	57	20	•
	☞ Brass Rebate Kit for 55210, 55220						
	• Satin Brass • Satin Nickel Plated			552RB 552RB		00 12	• •

LATCH LOCK ONLY



☞ **Brass Latch only**

- Face plate and strike Nickel Plated





Legge

L3709	60	12	•
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SASH LOCKS – NIGHT LATCH VERSION



Item	Description	Faceplate	Throws	Type	Backset	Finish	Price without Cylinder
 	Latch only- night latch version - Anti-thrust dead locking latch - Hold open catch keeps latch withdrawn - Recommended: Half handle set inside, or with outside... ..handle fixed.						
	– Brass face plate and brass plated strike	25		55250	57	00	•
	– Stainless Steel face plate and grey painted strike	25		55250	57	20	•
	Latch only as above - without hold open – Stainless Steel face plate and grey painted strike (Supplied with 379N panic device)	25		55250P	57	20	•

SASH LOCKS – 5 LEVER "500 KEY DIFFERS"

Item	Description	Faceplate	Throws	Type	Backset	Finish	Price
 	Technical Features - Yellow powder coated steel case 5 brass close gate levers with anti-pick device. Chrome plated steel Latch, Pull and Twist for on site handing - Steel deadbolt, chrome plated, 20mm long throw 2 Plated keys unnumbered						
	– Brass face plate and brass plated strike	25	1	52765	57	00	•
	– Stainless Steel face plate and strike	25	1	52765	57	20	•
	– Stainless Steel face plate and strike- keyed alike	25	1	52765K	57	20	•
	Included - Box strike, Satin S/S or Polished Brass. - Fixing screws for lock and striker.			Key blank 02765	00	00	•
	NEW- Steel Bolt and latch, chrome plated, with extra long bolt throw of 20mm. Complies with 240 hrs salt spray test.						

SASH LOCKS – 3 LEVER – HEAVY DUTY "100 KEY DIFFERS"

Item	WITHDRAWN – AVAILABLE WHILE STOCKS LAST	Description	Faceplate	Throws	Type	Backset	Finish	Price
 		Technical Features - White powder coated steel case 3 brass close gate levers with anti-pick device. Chrome plated steel Latch, Pull and Twist for on site handing - Steel deadbolt, chrome plated, 20mm long throw 2 Plated keys unnumbered						
		– Brass face plate and brass plated strike	25	1	52763	57	00	•
		– Stainless Steel face plate and strike	25	1	52763	57	20	•
		– Stainless Steel face plate and strike- keyed alike	25	1	52763K	57	20	•
		Included - Flat strike, Satin S/S or Polished Brass. - Fixing screws for lock and striker.			Key blank 02765	00	00	•
		NEW- Steel Bolt and latch, chrome plated, with extra long bolt throw of 20mm. Complies with 240 hrs salt spray test.						

**Technical Features**

- Black painted steel case and cover
- Removeable brass faceplate and brass striker
- **Reversible** brass latch without opening lock.
- Brass double throw deadbolt

Operation

- From outside or inside: the latch is operated ...by key or handle. Deadbolt by key only

Finishes

- Satin Nickel plated – finish code "12"
- Satin Brass – finish code "00"

Included

- Strike
- Fixing screws for lock and striker

Certification

- This lock is certified according to EN 12209:03
- **Security grade 3:** Bolt
 - 500 kg side push resistant
 - 400 kg front push resistant
- **Durability grade X**
 - 200 000 cycles 120N load .. on the latch
- **Corrosion Resistance: C**
 - High Corrosion Resistant
- **Door Mass grade 7**
 - up to 100kg doors, max 15N ..max. closing force.



Item	Description	Faceplate	Throws	Type	Backset	Finish	Price including Cylinder	Price without Cylinder
	Latch Version • Double throw deadbolt and latch. • Cylinder 0G300-07 • Strike 06102-13		2	Satin Brass Finish				
				22	40	00	•	•
				22	50	00	•	•
				22	60	00	•	•
				22	70	00	•	•
				Satin Nickel Plated Finish				
				22	40	12	•	•
				22	50	12	•	•
				22	60	12	•	•
				22	70	12	•	•
			2	Stainless steel Face Plate				
				22	50	20	•	•
				Chrome plated Face Plate				
				22	50	21	•	•
				Brass Rebate Kit				
			2	Satin Brass Finish				
				22	40	00	•	•
				22	50	00	•	•
				22	60	00	•	•
				22	70	00	•	•
				Satin Nickel Plated Finish				
				22	40	12	•	•
				22	50	12	•	•

NEW

**Technical Features**

- Galvanised steel case and cover
- Removeable steel faceplate and steel striker
- **Reversible BICONICAL latch**
- Non handed – change latch without opening lock
- Brass or nickel plated steel double throw deadbolt
- *Round faceplate and strike upon request*

Operation

- From outside or inside: the latch is operatedby key or handle. Deadbolt by key only

Finishes

- Nickel plated – finish code "12"
- Brass plated – finish code "00"

Included

- Strike
- Fixing screws for lock and striker

Certification

- This lock is certified according to EN 12209:03
- **Security grade 3: Bolt**
 - 500 kg side push resistant
 - 400 kg front push resistant
- **Durability grade X**
 - 200 000 cycles 120N load .. on the latch
- **Corrosion Resistance: C**
 - High Corrosion Resistant
- **Door Mass grade 7**
 - up to 100kg doors, max 15N ..max. closing force.



Special **Biconical Latch** means less adjustment and faster installation. Valuable for doors that have seasonal expansion and contraction

Latch Version

- Double throw deadbolt and latch.
- Cylinder 08010-07
- Strike 06102-10

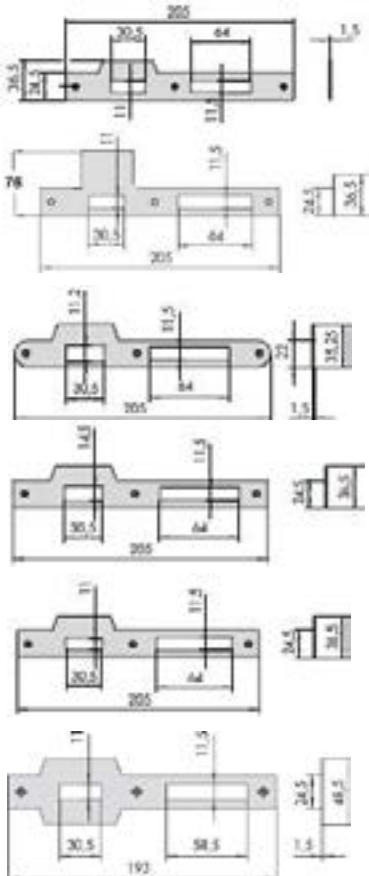
**Latch Version with Round End face plate**

- Double throw deadbolt and latch.
- Cylinder 08010-07
- Strike 06101-10

WC Version with cam for 8mm spindle

- Single throw deadbolt and latch.
- Use with WC Indicator:- 8mm spindle
- Strike 06102-10

Item	Description	Faceplate	Throws	Type	Backset	Finish	Price including Cylinder	Price without Cylinder
Brass Plated Finish								
		22	2	5C611	40	00	•	•
		22	2	5C611	50	00	•	•
		22	2	5C611	60	00	•	•
		22	2	5C611	70	00	•	•
Nickel Plated Finish								
		22	2	5C611	40	12	•	•
		22	2	5C611	45	12	•	•
		22	2	5C611	50	12	•	•
		22	2	5C611	60	12	•	•
		22	2	5C611	70	12	•	•
Satin Brass Finish								
		22	2	5C611	50	B3	•	•
Bronze Plated Finish								
		22	2	5C611	50	47	•	•
Matt Chrome Finish								
		22	2	5C611	50	B1	•	•
Brass Plated Finish								
		22	2	5C631	50	00	•	•
		22	2	5C631	60	00	•	•
Nickel Plated Finish								
		22	2	5C631	50	12	•	•
		22	2	5C631	60	12	•	•
Brass Plated Finish								
		22	1	5C651	50	00	•	•
		22	1	5C651	60	00	•	•
Nickel Plated Finish								
		22	1	5C651	50	12	•	•
		22	1	5C651	60	12	•	•

Item	Description	Faceplate	Throws	Type	Backset	Finish	Price including Cylinder	Price without Cylinder
	Rebate Kit - Steel satin brass plated - Satin stainless steel finish "20"			521BP		00		•
				521SS		20		•
	Rollerbolt Version - Double throw deadbolt and roller. - Cylinder 08010-05 - Strike 06102-10 - Include rose set 06012			Brass Plated Finish				
		22	2	5C621	40	00	•	•
		22	2	5C621	50	00	•	•
		22	2	5C621	60	00	•	•
		22	2	5C621	70	00	•	•
				Nickel Plated Finish				
		22	2	5C621	40	12	•	•
		22	2	5C621	50	12	•	•
		22	2	5C621	60	12	•	•
		22	2	5C621	70	12	•	•
				Brass Plated Finish				
		22	2	5C641	50	00	•	•
		22	2	5C641	60	00	•	•
				Nickel Plated Finish				
		22	2	5C641	50	00	•	•
		22	2	5C641	60	12	•	•
	Brass Strike for 5C120			06149	00	00		•
				06149	00	12		•
	Long Lip Steel Strike for 5C621			06149	LONG	12		•
	Brass Strike for 5C110			06102	13	00		•
				06102	13	12		•
	Steel Strike for 5C631, 5C641			06101	10	00		•
				06101	10	12		•
	Steel Strike for 5C611, 5C621			06102	10	00		•
				06102	10	12		•
	Steel Strike for 5C611, 5C621			06206	00	00		•
				06206	00	12		•

NEW

NEW

Technical features:

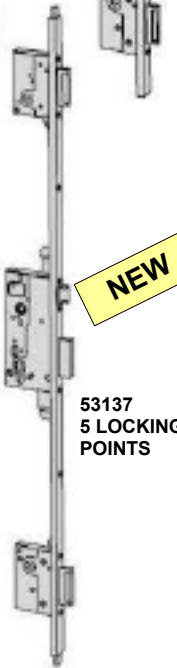
- "U" Shaped adjustable faceplate
22 x10mm in satin finished laquered brass,
2600mm long.
- Upper adjustment 650mm
- lower adjustment 35mm.
- Zinc plated steel case.
- Reversible nickel plated latch
- Nickel plated DOUBLE THROW deadbolt.

Supplied as standard:

- Striker and fixing screws
- Without cylinder.
- Instruction sheet

Hand:

0 = Non-handed

Description		Code	Backset	Finish	Price w/out Cylinder
Channel 2600 x 22 x10mm 					
 53131  53135  53137 5 LOCKING POINTS	53131 -Top & Bottom - Locking features • Latch-bolt and central dead-bolt. • Top and bottom extended bolts... ..integrally mounted on the face plate Including : • Central striker 06213-05 • 2 upper strikers 06292-00 and 06292-01 • Floor striker 06086-00 • Supplied without cylinder	Satin Brass Finish 53131 45 00 • 53131 50 00 • 53131 60 00 • Nickel Plated Finish 53131 45 12 • 53131 50 12 • 53131 60 12 •			
	53135 -Side locking - Locking features • Latch-bolt and central dead-bolt. • Top and bottom front dead-bolts operated.. ..by rods integrally mounted on the faceplate Including : • Central striker 06213-05 • 2 lateral strikers 06323-01 • Supplied without cylinder	Satin Brass Finish 53135 45 00 • 53135 50 00 • 53135 60 00 • Nickel Plated Finish 53135 45 12 • 53135 50 12 • 53135 60 12 •			
	53137 -5 Locking points - Locking features • Latch-bolt and central dead-bolt. • Top and bottom front dead-bolts operated.. ..by rods integrally mounted on the faceplate • Top and bottom extended bolts... ..integrally mounted on the face plate Including : • Central striker 06213-05 • 2 lateral strikers 06323-01 • 2 upper strikers 06292-00 and 06292-01 • Floor striker 06086-00 • Supplied without cylinder	Satin Brass Finish 53137 45 00 • 53137 50 00 • 53137 60 00 • Nickel Plated Finish 53137 45 12 • 53137 50 12 • 53137 60 12 •			
	ROLLER BOLT VERSIONS All Above are availbale in Roller Bolt Versions. Specify "R" prefix , and state "Roller" on the Order No Surcharge for this version. Lead time: Nickel plated finish is made on demand and lead time is two weeks.				
	Rebates Strikes only for locks - Middle lock - Top and Bottom locks X2	521RB STR 00 • 521RB STR 12 • 523RB STR 00 • 523RN STR 12 •			

**Technical features:**

- Black painted steel case and cover.
- Brass faceplate and strike
- Double throw deadbolt made of brass.

Available finishes:

- Satin nickel plated brass (fin.12)
- Satin brass (fin.00)

Supplied as standard:

- Striker
- Fixing screws for lock and striker
- Cylinder fixing screw
- Rose set

Conforms to EN 12209:2003

- Complies with Durability Grade C - 50 000 test cycles.
- Complies with Door Mass Grade 7 - up to 100 kg door mass: 15N max closing force.

Type	Description	Throws	Code	Backset	Finish	Price including Cylinder	Price without Cylinder
	Single throw deadbolt • Strike 07032 • Cylinder OG545-05 • Rose set 06012.00	1	52210	25	00	•	•
		1	52210	25	12	•	•
	Double throw deadbolt • Strike 07032 • Cylinder OG545-05 • Rose set 06012.00 • Satin brass faceplate and strike finish 00. • Satin nickel plated finish 12.	2	52310	40	00	•	•
		2	52310	40	12	•	•
		2	52310	50	00	•	•
		2	52310	50	12	•	•
		2	52310	60	00	•	•
		2	52310	60	12	•	•
		2	52310	70	00	•	•
		2	52310	70	12	•	•
	Brass Rebate Kit • Satin Brass • Nickel plated finish 12.		523RB		00	•	
			523RN		12	•	
			523MBOX	60		•	

☞ Metal Weld-on Box for Metal Gates

CYLINDER HOOK LOCKS – BRASS AND STEEL VERSIONS

**Technical features:**

- Zinc plated steel case and cover.
- Brass faceplate and strike (series 45100).
- Steel faceplate and strike (series 45110).
- Passivated laminated steel hook.

Supplied as standard:

- Striker, Rose set with screws.
- Fixing screws for lock and striker
- Cylinder fixing screw

Available finishes:**Series 45100**

- Satin nickel plated brass (fin.12)
- Satin brass (fin.00)

Series 45110

- Brass plated (fin.00)
- Nickel plated (fin.12)

45110 Conforms to EN 12209:2003

- Complies with Durability Grade C - 50 000 test cycles.
- Complies with Door Mass Grade 8 - up to 200 kg door mass: 15N max closing force.

Type	Description	Code	Backset	Finish	Price including Cylinder	Price without Cylinder
	Brass faceplate and striker • Strike 07028.10 • Cylinder OG545-05 • Rose set 06012.00 • Satin brass faceplate and strike finish "00". • Satin nickel plated finish "12".	45100	35	00	•	•
		45100	35	12	•	•
		45100	40	00	•	•
		45100	40	12	•	•
		45100	50	00	•	•
		45100	50	12	•	•
		45100	60	00	•	•
		45100	60	12	•	•
	Steel faceplate and striker • Strike 07028 • Cylinder OG545-05 • Rose set 06012.00 • Brass plated faceplate and strike finish "00". • Satin nickel plated finish "12".	45110	40	00	•	•
		45110	40	12	•	•
		45110	50	00	•	•
		45110	50	12	•	•
		45110	60	00	•	•
		45110	60	12	•	•
	Version with Steel Guide pin	45112	60	12	•	•

**Technical features:**

- Steel case and striker painted GREY (finish 97).
- Brass latch and deadbolt.
- PVC Knobs.
- Three DOUBLE throw nickel plated steel bolts.

Supplied as standard:

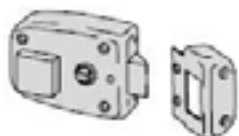
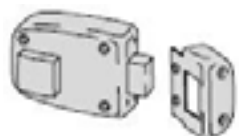
- Striker
- Fixing screws for lock and striker
- Instruction sheet.

Hand:

0 = Non-handed

Available finishes:

- Painted GREY (finish 97) only.

Type	Description	Cylinder	Code	Backset	Finish	Price
	Night Latch. • Cylinder 0G500 • Grey colour only (finish 97) • Inside knob • Dead locking latch with hold-open device.		54315	60	97	•
	Deadbolt only • Cylinder 0G500 • Grey colour only (finish 97) • Inside knob		54340	60	97	•

SECURITY RIM LOCKS WITH MULTIPLE DEADBOLTS - DOUBLE BITTED KEY

Type	Description	Key	Code	Backset	HAND	Price
	Four throw deadbolt and latch • Six levers • Anti drill protection • Five locking points • Includes extension bolts – 06426-01-0 • Subsidiary driving mechanism 57190. • Includes escutcheons • Blank key ref 00125		57175 57175	60 60	1 2	• •

LEGGE LEVER RIM LOCKS

Legge

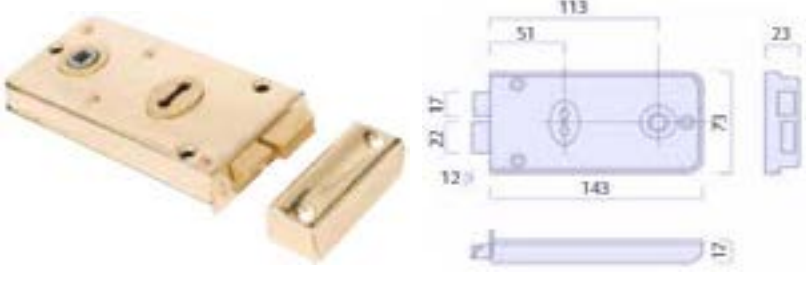


Principal Features:

- Rim Lock with latch and dead-bolt.
- Brass latch and deadbolt.
- Suitable for Knobs with 8mm spindle.
- Locks have 12 differs.
- Supplied with 2 keys

Packed in Clear Blister Pack with instructions



 Brass Plated Painted Silver Finish NEW		P2136	BP			•
		P2136	SV			•
 51mm Brass Knobs for Rim Locks Packed in Clear Blister Pack with instructions		P472	51	2		•
 NEW Lock Case 89mm, Backset 60mm Brass Plated Satin Chrome Lock Case 73mm, Backset 44mm Brass Plated Silver Painted Includes 5 Pin Cylinder Packed in Clear Blister Pack with instructions		P707	BP			•
		P707	SC			•
		P727	BP			•
		P727	SV			•





Technical features:

- Laquered polished brass removable faceplate and striker.
- Zinc plated steel case.
- Reversible nickel plated silent action deadlocking latch.
- Nickel plated cut resistant deadbolt, with 25mm protrusion.
- Anti corrosion galvanised internal components.

Available finishes:

- On Request: Satin Stainless steel faceplate and strike (finish 20).

Supplied as standard:

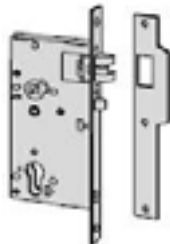
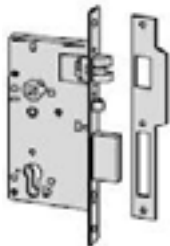
- Striker and fixing screws
- Without cylinder.
- Instruction sheet

Standards:

- Locks with stainless steel faceplate and strike (finish 20) are certified fire-resistant by the American Underwriters Laboratory (UL Listed R14945(N)).

Hand:

0 = Non-handed

Type	Description	Code	Backset	Finish	Price	
	• Silent action deadlocking latch bolt only • <i>Supplied with strike 06158-20, without cylinder.</i> • <i>Suitable for use with panic devices 59711 and 59607</i> For Panic Funtion external doors. • Operation: - The latch bolt is operated by handles or cylinderfrom both sides. - The outside handle must be fixed. Classroom door lock with panic funtion. • Operation: - The latch bolt is operated by handlefrom both sides. - The outside handle can be activated andde-activated by cylinder. • Uses split spindle 07206	NEW 52755 52755 5A756	60 60 60	00 20 12	• • •	
		• Silent action deadlocking latch and 25mm deadbolt. • <i>Supplied with strike 06106-20, without cylinder.</i> • <i>Suitable for use with panic devices 59711 and 59607</i> Entrance doors- Not Panic Function • Operation: - The latch bolt is operated by handle or cylinderfrom either side. - The deadbolt is operated by cylinder from either side. Panic Funtion doors with Automatic deadbolt. • Operation: - Deadbolt automatically locks when door is closed. - The latch bolt is operated by handle or cylinderfrom either side. - The handle withdraws the latch and deadboltsimultaneously. - The outside handle must be fixed. Hotel Lock with panic function • Operation: - The latch bolt is operated by handle or cylinderfrom either side. - The handle withdraws the latch and deadboltsimultaneously. - The outside handle must be fixed. • Optional: Cylinder 08453 and Indicator of occupancy. Classroom door lock with panic funtion. • Operation: - The latch bolt is operated by handle from either side. - The deadbolt is operated by cylinder from either side. - The inside handle withdraws the latch and deadboltsimultaneously. With reversible panic funtion. • Uses split spindle 07206	52710 52840 52842 52844	60 60 60 60	20 20 	• • • •

HEAVY DUTY CYLINDER MORTICE LOCKS WITH PANIC FUNCTION



Type	Description	Code	Backset	Finish	Price
	• Supplied with strike 06159-20, without cylinder. • Suitable for use with panic devices 59711 and 59607 • Deadbolt only with panic function • Operation: - The deadbolt is operated by handle or cylinderfrom either side. - The outside handle must be fixed.	52871	60		•
	Optional • Rebate Kit for 52755, 52840 etc • Indicator of occupancy for 52840 • Split follower for 52760, 52844	528RB 06146 07206	00 00 01	00 00 01	• • •
ADJUSTABLE ROLLER LATCH					
Type	Description	Code		Finish	Price
	SEE PAGE 00.12				

CISA HOSTEL LOCK AND “DPS” HANDLE:



FUNCTION

1. Student Locks the door when leaving the room with his own padlock. Handle hole size suitable for 40mm padlock with 6mm diameter shackle.
2. Student enters the room, closes the door, then he uses the Knob cylinder to lock the bolt, which extends into the frame. It is deadlocked. Nobody can enter by using the outside handle.
3. In case of emergency the door can be unlocked from the outside by key. Cylinder key is always kept by management, who can also check that no extra students are living in the room.
4. The student can be locked out by landlord or security by locking the door using outside cylinder. He must report to management to solve the issue before having access to the room.
5. Management can have routine checks for maintenance and ensuring the room is not sublet.

SAFETY

1. The student cannot be locked in by mischievous students, who fix a padlock on the outside handle, because the Inside knob cylinder can always unlock the door.
2. In case of emergency, attempted suicide, or other disaster, the door can always be unlocked by the security or landlord with a key from outside. The student cannot prevent a rescue by locking the door from the inside.

SECURITY

The CISA LOCK 42032 is tested and complies with EN Norm 12209-2003. Refer to attached test certificate to understand the following Digit 1,2,3,8 in the norm.

1. Category of use Grade 3: Suitable for use in public buildings where there is a high chance of misuse. The lock therefore is designed to be strong and resist abuse. Abuse is expected.
2. Durability Grade C: The latch is tested TO OPEN 200 000 times and the deadlock function for 50 000 times, after which the lock will operate normally.
3. Door Mass and closing force Grade 8: The lock can be used in doors up to 200kg and will be closed with a maximum force of only 15N (1.5kg). It is a strong lock.

SECURITY cont.

8. Security and drill resistance Grade 6:

- Kicking and ramming the door, OR using a lever to force the door open
Resistance to a side load on deadbolt: 10KN (about 1000kg)

EXTRA SECURITY

The DPS handle is securely made with the following features:

1. The plates are 304 grade stainless steel 2.5mm thick
2. The handle plates are secured with male female security screws to prevent the handle being removed from outside
3. The slide has steel bars top and bottom to protect the slide from being hit with a hammer.
4. Special strike prevents the bolt from being attacked between door and frame with screwdriver.
5. Special grooves in the latch prevents "Carding" the latch.
6. The student can always open the lock from inside, even if the padlock on outside is locked.

KNOB CYLINDER

The CISA C2000 Knob cylinders 0G302-07-12 have the following features:

1. EN Norm 1303: Durability Grade 6. This means the cylinder has been tested 100 000 times with a key, after which the cylinder operates correctly.
2. The cylinder has 30 000 possible key combinations, which means CISA only make the same key after making 30 000. Very small risk of random keys opening the lock. This large number of key differs occurs because CISA cylinders are very accurately made.
3. The cylinder has mushroom type top pins, which makes picking the lock more difficult.
4. Master keyed cylinders can be made from up to 30 different keyways, which increases the number of possible key combinations to over 30 000 in one master key system.
5. Off Centre cam, prevents the cylinder from being hit out with a hammer.

Special Attention for Hostels

- The new CISA cylinder knob is now 40mm in length making it easier for disabled students to unlock the door. The knob is fixed with a screw and also glued on with special adhesive.
- Upon request the cylinder can be made, **BUMP KEY POWER (BKP)** resistant by adding special pins. The bumping key method to open cylinders illegally is becoming more regularly used by thieves. This technique can be researched on the Internet.
- Torx security cylinder fixing screws available on request. Prevent students easily removing the cylinder with standard tools. Used in public buildings like hospitals



KEY SECURITY

1. CISA offers a range of keys that cannot be easily found or duplicated
 - CISA C2000 CYLINDERS : G SERIES. This single personalized profile reserved for universities is MU76. This Key Blank is not sold by us in the market, except to universities that have their own key cutting machines and manage key control. One master key opens up to 1400 different cylinders with different keys.
 - CISA SP CYLINDERS: The "SP" Security Profile is protected by Trade Mark, to prevent illegal duplication of keys. Master key systems can be very large and complicated.
2. We are able to provide a number of other systems, such as Key lock out and Grand master keying.
3. We offer training in all the variety of locks in our offices in Cape Town. Contact Desiree 021- 5907760 for info to make it very cost effective.

PADLOCK

- Upon request a CISA padlock 21010-40mm can be provided. It is a quality padlock that will last and give the student peace of mind.



INSTALLATION

1. The lock is designed for wooden doors with wooden frames.
2. The lock can fit steel frames if the correct preparation is done. If steel frames are used, we must be advised when the order is placed to prepare the lock strikes. The lock box must have a depth of 25mm.
3. Strikes are made specifically for the type of frame to be used.
4. Full installation instructions will be provided.
5. The locks are handed and should be ordered for the door by hand. See below for details to choose the handing. Right Hand is code 1, Left Hand is code 2



Special Strike gives smooth closing and protects the latch from attack.



LOCK CODES

HOSTEL1H	Hostel lock Right hand, complete with handle and fixing, and Hostel Knob Cylinder OG302-07-12 60mm long.
HOSTEL2H	Hostel lock Left hand, complete with handle and fixing, and Hostel Knob Cylinder OG302-07-12 60mm long
OG302-10-12	CISA C2000 Hostel Knob Cylinder 65mm long
GMK	Grand Master Keyed
KA	Keyed Alike - Same key fitting for example "one floor". KA cylinders can also be opened by the master or grand master key.
BKP	Bump Key Power resistant. Cylinder is resistant to technique called "bumping"
STORX5x65	Security Torx Cylinder fixing screw with pin in the Torx hole. M5 x 65mm
21010-40	CISA 40mm Locking Line brass 5 pin padlock with hardened steel shackle
GSeries	The name for Personalized keyways for Universities. Key code given upon request.

PRICING & LEAD TIME

Prices and lead time upon application



SAFETY LOCKS FOR PRISONS

Construction Features

TESTS

Withstands a side load of 3500kg – pushing the door open

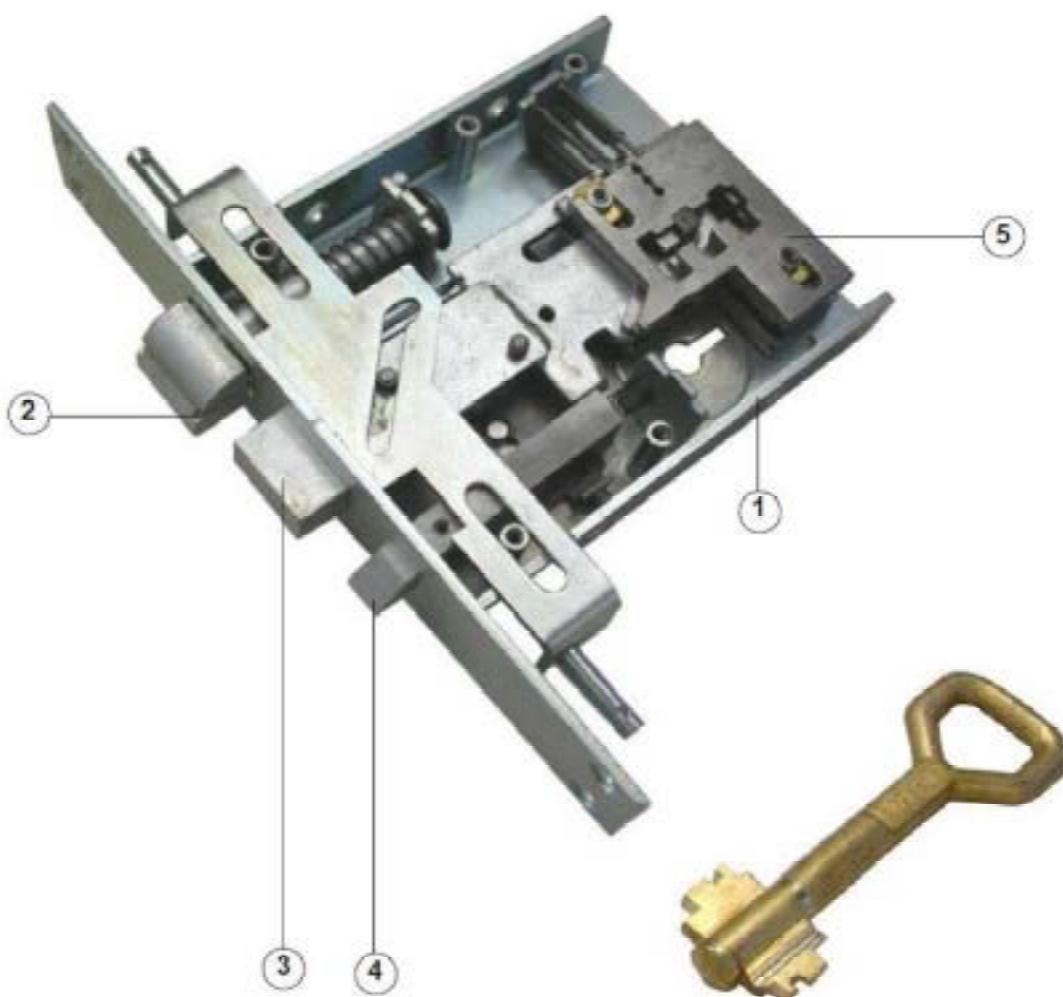
Withstands axial load of 1500kgs – pushing the bolt into the lock

Tested to a minimum of 150 000 cycles by key

1. 3mm thick pressed steel Case
2. Steel reversible monolithic deadbolt, deactivated by key only
3. Anti-tampering system: automatically released when dosing the door averting any attempt at bumping the deadbolt. Guarantees closure without needing to use the key.
4. Steel monolithic latch (30 x 15 mm.)
5. Anti-friction levers: 6 levers 2.5 mm thick, which make up the lock combination: divided into 2 groups of 3, with the shaft of the deadbolt being located between the two groups of levers. Each one contains an independent helicoidal spring (patented system).

Hand:
Suitable for both right and left-handed doors, all models are reversible.

Finish:
Zinc plated (electrolytic zinc plated internal components)

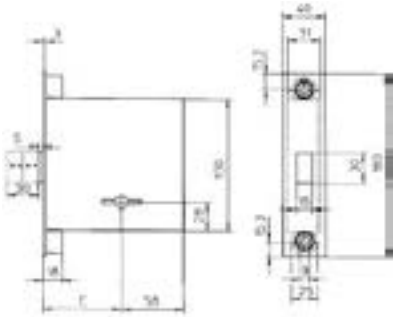


Brass double-bit "GARD" symmetrical key with guaranteed and secure engraved numbering.

MADE TO ORDER – LEAD TIME 6 WEEKS

Features

- 2 throw
- Fitted with 4 screws or rivets.
- Keyed alike upon request.



74

57100

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Features

- 2 throw & deadlocking latch
- Fitted with 4 screws or rivets.
- Keyed alike upon request.



74

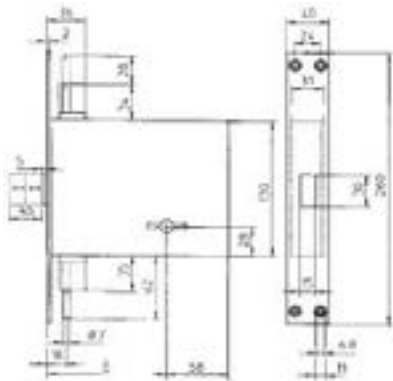
57101

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Features

- 2 throw
- 2 point locking (top and side)
- Fitted with 4 screws or rivets.
- Keyed alike upon request.



112

57106

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MADE TO ORDER – LEAD TIME 6 WEEKS

Backset

Code

Size

Price

112

57108

00

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Features

- 2 throw & deadlocking latch
- 2 point locking (top and side)
- Fitted with 4 screws or rivets.
- Keyed alike upon request.



"GARD" key coded and supplied seperately

- 700 differs per profile – 6 profiles

00131

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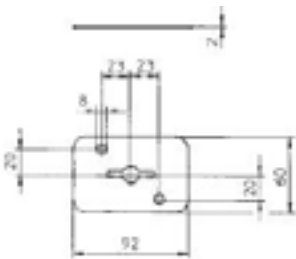


Escutcheon

06124

14

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Strike Plate supplied as extra

06220

10

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ALUMINIUM LOCKS

Euro Norm 12209:2003 for locks and draft WI 33250:04 for 3 point locks gives us *valuable answers to the questions* facing Architects, Installers and Owners.

Question: Is the lock suitable for the installation ?:

The Norm helps us by differentiating between three grades of **suitability**:

Residential Doors: Suitability Grade 1

Suitable for use by people with a high incentive to exercise care and with a small chance of misuse. (To qualify the latch must resist a side load of 200kg. The latch components and travel limit stop shall resist a torque of 20Nm. The torque on the follower for operating the latch shall not exceed 0.5Nm.)

Office Doors: Suitability Grade 2

Suitable for use by people with some incentive to exercise care but where there is some chance of misuse. (To qualify the latch must resist a side load of 300kg. The latch components and travel limit stop shall resist a torque of 40Nm. The torque on the follower for operating the latch shall not exceed 3Nm.)

Public Buildings such as Shopfronts etc: Suitability Grade 3

Suitable for use by the public where there is little incentive to exercise care and where there is a high chance of misuse. (To qualify the latch must resist a side load of 300kg. The latch components and travel limit stop shall resist a torque of 60Nm. The torque on the follower for operating the latch shall not exceed 5Nm.)

All CISA aluminium locks unless specified are certified Suitability Grade 3, suitable for Public Buildings and Shop fronts etc:

Question: How long will the lock last ?, will it last a lifetime ?:

The Norm tells us **how long the locks will last**, in various grades of **durability** of the latchbolt. Some **Durability grades** are shown below:

Durability Grade A 50,000 test cycles; no load on latchbolt during test.

Durability Grade G 100,000 test cycles; with 10N load on latchbolt during test.

Durability Grade L 100,000 test cycles; with 25N load on latchbolt during test

Durability Grade S 200,000 test cycles; with 50N load on latchbolt during test

Durability Grade X 200,000 test cycles; with 120N load on latchbolt during test.

Our Catalogue shows all CISA locks are Durability Grade X or Grade S, because CISA locks are designed to last and last.

Question: Will the owner have Peace of Mind ?:

The Norm tells us the security level of the lock, so that a measured decision can be made for the **security and peace of mind** of the end user. The security grades are listed below:

Security Grade 1 : Minimum security and no drill resistance

Security Grade 2 : Low security and no drill resistance

Security Grade 3 : **Medium security and no drill resistance.** (CISA Ranges 44000, 46000, 49000)

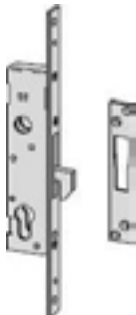
Security Grade 4 : **High security and no drill resistance.** (CISA Swingbolt, 3 point locking)

Security Grade 5 : High security with drill resistance

Security Grade 6 : **Very high security and no drill resistance** (CISA MULTITOP PRO, ALL LOCKS)

Security Grade 7 : **Very high security with drill resistance.** (CISA Drill Resistant, 3 point locking).

Our Catalogue details the security level of all our locks and the side load the deadbolts must withstand: 500kg Security grade 3, 700kg Security grade 4, and 1000kg Security grade 6 & 7.

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Price
 New – for STACKING DOORS New Hook lock with Latch for Stacking Doors with 8.5mm hook gap for ease of installation. - New 10.5mm to 16.5mm Adjustable and non-handed latch ensures perfect fit. - Stainless Steel Strike 06461-06H. 2 x 22mm - Cylinder 0G300-07-12 Latch with Hook Bolt • Standard Version -Security Grade 3 • Standard Version -Security Grade 3 • Supplied with 06441-10 internal top & bottom locking bolts Roller with Hook Bolt • Standard Version -Security Grade 3 • Supplied with 06441-10 internal top & bottom locking bolts Now available in Roller Bolt with Hook, Also available with top & bottom locking bolts NEW NEW NEW							
		22	1	1	46215	25H	•
		22	1	1	46215	35H	•
		22	1	1	46225	35H	•
		22	1	1	46230	35H	•
		22	1	1	46250	35H	•
 Hook-bolt with 8.5mm Gap between face and hook. - Stainless steel strike 06459H. 3 x 22mm - Black nylon rose 06012-01 - Cylinder 0G345-05-12 Locks with 6mm Gap add Suffix "AG" • Standard Version -Security Grade 3 • Supplied with 06441-10 internal top & bottom locking bolts • Supplied without 06441-10 internal top & bottom locking bolts • Version with Anti-lift PIN NEW							
		22	1	1	46240	25	•
		22	1	1	46240	35	•
		22	3	1	46260	25	•
		22	3	1	46260	35	•
		22	3	1	46260S	25	•
		22	3	1	46260S	35	•
		22	1	1	46240P	25	•
		22	1	1	46240P	35	•

VERSION WITH 2 LOCKING POINTS

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Price
	Two point locking versions – without Swingbolt - Cylinder 0G345-05-12						
	• Supplied with 06441-10 internal top & bottom locking bolts	22	2	1	46270	25	•
		22	2	1	46270	35	•
	• Supplied without 06441-10 internal top & bottom locking bolts	22	2	1	46270S	25	•
		22	2	1	46270S	35	•

**Technical Features**

- ☛ Zinc Plated Steel Case
- ☛ Stainless Steel faceplate:22mm
- ☛ Nickel plated latch roller and dead-bolt.
- Reversible latch

NEW

Heavy duty locks suitable for use in Public Buildings:

EN 12209.03 Category of use: Grade 3

Certification

- ☛ This lock is certified according to EN 12209:03
- **Security grade 3: Bolt**
 - 500 kg side push resistant
 - 400 kg front push resistant
- **Durability grade S**
 - 200 000 cycles 50N load ..
 - .. on the latch
- **Corrosion Resistance: F**
 - High Corrosion Resistant
- **Door Mass grade 7**
 - up to 100kg doors, max 15N ..max. closing force.

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Finish	Price	Price for 100 per type
	☛ Latch and long throw deadbolt.								
	• Stainless Steel faceplate:22mm								
	• Long Single Throw Deadbolt	22	1	1	44860	20	20	•	•
	• Latch operated by key and handle	22	1	1	44860	25	20	•	•
	• Stainless Steel Strike 06163S	22	1	1	44860	35	20	•	•
	• Logoline Cylinder 08010-07-12								
	☛ Adjustable Roller and long throw deadbolt								
	• Stainless Steel faceplate:22mm								
	• Long Single Throw Deadbolt	22	1	1	44870	20	20	•	•
	• Stainless Steel Strike 06148S	22	1	1	44870	25	20	•	•
	• Logoline Cylinder 08010-05-12	22	1	1	44870	35	20	•	•
	• Nylon rose 06012-01								
	☛ Deadbolt long throw								
	• Stainless Steel faceplate:22mm								
	• Long Single Throw Deadbolt	22	1	1	44880	25	20	•	•
	• Nickel Plated Brass Strike 07032-12	22	1	1	44880	35	20	•	•
	• Logoline Cylinder 08010-05-12								
	• Nylon rose 06012-01								

**Technical Features**

- ☛ Zinc Plated Steel Case
- ☛ Stainless Steel faceplate:22mm
- ☛ Nickel plated latch and dead-bolt.
 - Reversible latch
- ☛ 10-16MM Adjustable Latch

Certification

- ☛ This lock is certified according to EN 12209:03
- **Category of use grade 3**
 - In public buildings
- **Security grade 3: Bolt**
 - 500 kg side push resistant
 - 400 kg front push resistant
- **Durability grade X**
 - 200 000 cycles 120N load ..
 - .. on the latch
- **Corrosion Resistance: C**
 - High Corrosion Resistant
- **Door Mass grade 7**
 - up to 100kg doors, max 15N ..max. closing force.

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Finish	Price	Without Cylinder
	ADJUSTABLE Latch								
	• Stainless Steel faceplate:22mm	22	1	1	44650	25	20	•	•
	• Latch operated by key and handle	22	1	1	44650	35	20	•	•
	• Stainless Steel Strike 06163S								
	• Logoline Cylinder 08010-07-12								
	ADJUSTABLE Latch and long throw deadbolt.								
	• Stainless Steel faceplate:22mm								
	• Long Single Throw Deadbolt								
	• Latch operated by key and handle								
	• Stainless Steel Strike 06163S	22	1	1	44660	25	20	•	•
	• Logoline Cylinder 08010-07-12	22	1	1	44660	35	20	•	•
	☛ Double throw dead bolt – 20mm	22	1	2	44665	35		•	•



Multitop PRO

New gear lock for aluminium doors
with 15.5 mm thick case
Catalogue 2014





CORRECTS HEAT DISTORTION

The "effort reducing" gear mechanism that makes it easier to turn the key, and the 12 mm thick deadbolt with its more rounded design, offer an effective solution to close and secure doors subject to heat distortion.

HIGH SECURITY

- New locking system with hook in hardened steel (CISA patent registered)
- Horizontal sliding deadbolt with increased thickness (12 mm)
- Deadbolts independent of the central mechanism
- Deadbolts protected with a hardened steel plate

ELECTRIC VERSION

Multitop Pro also offers a complete range of electric locks with a 15.5 mm thick case (as with the mechanical version) and with a dead-locking device on the latchbolt.

INTERCHANGEABILITY

- Completely interchangeable with previously installed versions
- Backsets from 25 to 40 mm
- Highly compact thanks to the distance from the cylinder (15 mm)
- Centre distances 85 and 92 mm

CERTIFICATION

CISA Multitop Pro is certified:

- Short faceplate version according to the European Standard EN 12209:03:
Grade 6 Security – 1,000 kg for lateral thrust and 600 kg for front load
- Long faceplate version according to the European Standard prEN 15685:10:
Grade 6 Security – 1,000 kg for lateral thrust and 600 kg for front load
Grade 7 Security – like Grade 6 with the use of protective plates 06-436 Series

TECHNICAL FEATURES

- Case thickness 15.5 mm
- Closed case
- Backsets 25-30-35-40 mm
- Latchbolt interchangeable with roller
- Case in pressure die-cast metal
- Steel cover
- Top and bottom adjustable faceplate
- Latchbolt adjustable from 11 to 17 mm
- Roller adjustable from 2.5 to 15.5 mm
- Latch and bolt adjustable from 10.5 to 16.5 mm (electric versions)
- Latchbolt with anti-burglary system (electric versions)
- Divertor deadbolts 12 mm thick with 25 mm protrusion
- Protective plate for grade 7 security item 1.06436.10/11.0
- A microswitch can be installed on the divertor case
- 8 mm square spindle
- DIN holes to fix handle rose
- CE 12 V ac voltage (electric versions)

OPERATION

- The key operates the latchbolt and deadbolts. The remote electric control (electric locks only) and handle operate the latchbolt
- The lock is fitted with an off-phase operating preventing system

FINISHES

- Zinc-plated cases and covers
- Faceplate in black painted steel and stainless steel
- Latchbolt, roller and deadbolts nickel-plated

HAND

0 = non-handed

SUPPLIED AS STANDARD

- Pair of nylon roses item 1.06012.01.0
- Lock and cylinder fixing screws
- Instruction sheet

ON REQUEST

- Modular roller assembly item 1.06000.00.0
- European profile cylinder
- Adjustable metal strike plates (see Vademecum)
- Additional extended bolts for 4th and 5th locking points item 1.06449.10/11.0
- Extension kit up to 3,000 mm item 1.06444.46/56/66/76.0
- External extended bolt coupling pin item 1.06449.05.0
- Protective rose for cylinder item 1.06460.05.0
- Button item 1.06110.10.0 (electric locks)
- Pair of electric contacts item 1.06511.00.0



MULTITCP PRO ELETTRICA

CISA Multitop Pro Elettrica, the only electric lock with a 15.5 mm thick case and deadlocking latch. Ideal for all thermal cut and European groove profiles.

HIGH SECURITY

- The deadlocking latch increases security for doors locked with the latchbolt only.
- The locking system with its hook (CISA patent registered) and the deadbolt with its increased thickness (12 mm) guarantee high resistance to forced entry.
- The deadbolts are independent of the central mechanism (a feature that is extremely useful in deterring forced entry).

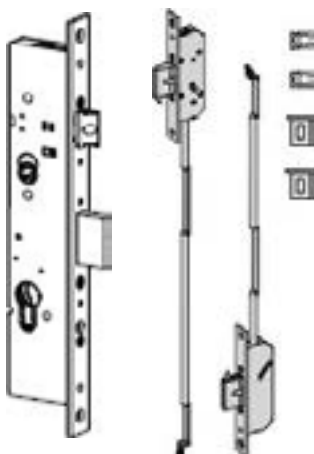
CORRECTS HEAT DISTORTION

The "effort reducing" gear mechanism (that makes it easier to turn the key) and the 12 mm thick deadbolt (with its more rounded design) correct heat distortion of the door caused by environmental factors (e.g. changes in temperature).

CISA Multitop Pro Elettrica is interchangeable with previously installed versions.

Visit cisamultitop.com




MULTITCP
 PRO

Technical Features

- ☛ Geared operating device for reducing...
...key effort.
- ☛ Stainless steel faceplate: 22 x 3mm
- ☛ Zinc Plated Steel Case, 15.5mm thick.
- ☛ Nickel plated latch, roller and horizontal...
...slide steel dead bolt.
- ☛ Independent locking points: if one of the dead-
-bolts is forced open, the others will stay
locked

Included

- ☛ 06443-31 ADDITIONAL LOCKING POINTS
 - Set of lateral extended bolts operated...
...by internal rods.
 - Horizontal Slide bolts **Hardened Steel..**
...with **patented hook.**

- 06461-08 Stainless Steel Strike x2
- **Threaded pins for extended bolts**

Optional

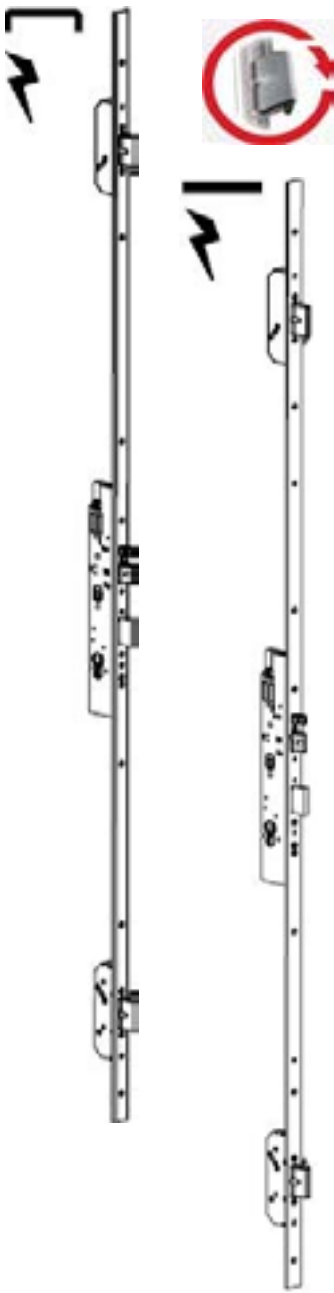
- ☛ 06460-05 Cylinder protection rose for Asix

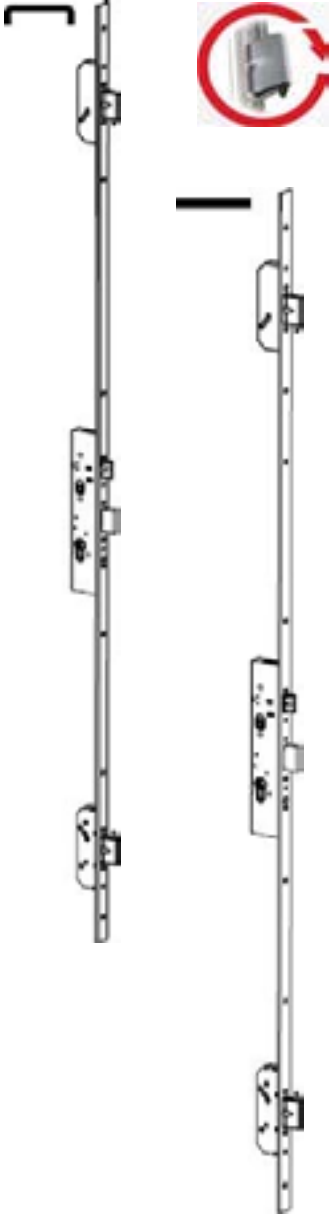
Certification

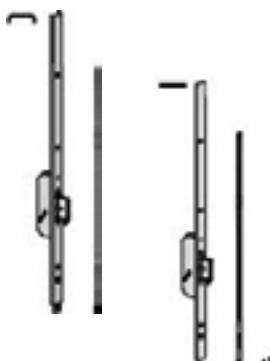
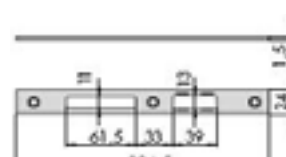
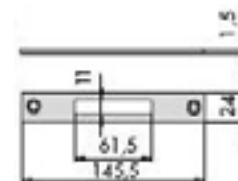
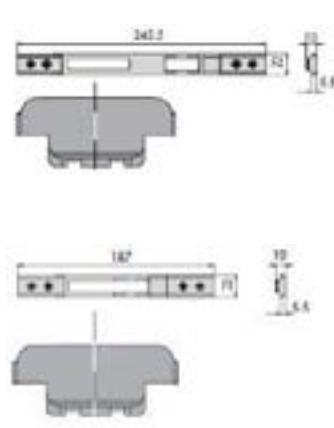
- ☛ This lock is certified according
to EN 12209:03 and draft
WI 33250:04:
 - **Security grade 6: Bolt**
 - 1000 kg side push resistant
 - 600 kg front push resistant
 - for al MULTITOPpro locks
 - **Durability grade X**
 - 200 000 cycles 120N load ..
.. on the latch
 - **Corrosion Resistance: F**
 - High Corrosion Resistant
 - 96 hour salt spray test
 - **Door Mass grade 8**
 - up to 200kg doors, 15N max
..closing force.

All MULTITOPpro withstand
-1000kg side force on the bolt
-600kg end force on the bolt

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Price
	☛ Electric lock – Deadlocking latch and deadbolt - 10.5 to 16.5 mm adjustable latch and piston - 12V ac CE - Threaded pins for the extended bolts - 06461-08 Stainless Steel Strike - A6 Cylinder 0E300-07-12 - Stainless steel strike 06461-05 1.5mm x 25mm						
	• Supplied with 06443-31 - Security grade 6 -1000kg Optional	22	3	2	19225-6	35	•
	- Supplied with 06441-10 - Security grade 6 -1000kg	22	1	2	19225-4	35	•
	- Stand alone - Security grade 6 -1000kg	22	1	2	19225-3	25	•
		22	1	2	19225-3	35	•
	"3in1" Convertible: Latch, Roller and Deadbolt						
	☛ Latch & Deadbolt - A6 Cylinder 0E300-07-12 - 11 to 17mm adjustable latch - Stainless steel strike 06461-07 1.5mm x 25mm						
	• Supplied with 06443-31 - Security grade 6 -1000kg Optional	22	3	2	49225-6	35	•
	- Supplied with 06441-10 - Security grade 6 -1000kg	22	1	2	49225-4	35	•
	- Stand alone - Security grade 6 -1000kg	22	1	2	49225-3	25	•
	☛ Deadbolt version Reverse the latch to de-activate	22	1	2	49225-3	35	•
	☛ Rollerbolt Version Use Roller bolt conversion kit – 06000-00						
	Modular roller assembly for locks 49000						
	- Including: Nylon Insert 06141-70 Nylon Insert 06141-71 Nylon Insert 06141-86						
					06000	00	•

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Price
	Roller-bolt and dead-bolt - A6 Cylinder 0E300-07-12 - 2.5 to 16.5mm adjustable roller - Stainless steel strike 06461-07 1.5mm x 25mm - Insert for roller 06141-86						
	Supplied with 06443-31 - Security grade 6 -1000kg Optional	22	3	2	49250-6	35	•
	Supplied with 06441-10 - Security grade 6 -1000kg	22	1	2	49250-4	35	•
	Stand alone - Security grade 6 -1000kg	22	1	2	49250-3	35	•
	MultiTop Pro - 3 Lateral Bolts - Electric Version - Faceplate Height 2300mm - upper adjustment 350mm - lower adjustment 150mm 10.5 to 16.5 mm adjustable latch and piston 12V ac CE, absorbed curreny 3.1A - Independent locking points: if one of the dead-bolts is forced open, the others will stay locked. - A6 Cylinder 0E300-07-12						
	Version with 24 x 5mm "U" shaped faceplate Suitable for Surface mounting Strikes included – 06461-07, 2x 06461-12						
	Black Painted faceplate "U" shaped 24mm x 5mm Security grade 6 -1000kg	24	3	2	19436	35	•
	Stainless Steel faceplate "U" Shaped 24m x 5mm Security grade 6 -1000kg	24	3	2	19636	35	•
	Version with 24 x 3mm flat faceplate Suitable for Surface mounting on Wispeco Sect 4000						
	Black Painted faceplate 24mm x 3mm Strike 06463-32, 2x 06465-22 Security grade 6 -1000kg	24	3	2	19526	35	•
	Stainless Steel faceplate 24mm x 3mm Strikes included –06463-33, 2x 06465-23 Security grade 6 -1000kg	24	3	2	19726	35	•
	Optional - Top Extension kit for doors up to 3000mm - 06444-46 for lock 19436 - 06444-66 for lock 19636 - 06444-56 for lock 19526 - 06444-76 for lock 19726						

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Price
	MultiTop Pro – 3 Lateral Bolts - Faceplate Height 2300mm - upper adjustment 350mm - lower adjustment 150mm 11 to 17 mm adjustable latch and piston - Independent locking points: if one of the dead-bolts is forced open, the others will stay locked. - A6 Cylinder 0E300-07-12						
	Version with 24 x 5mm "U" shaped faceplate Suitable for Surface mounting Strikes included – 06461-07, 2x 06461-12						
	Black Painted faceplate "U" shaped 24mm x 5mm Security grade 6 -1000kg	24	3	2	49436	35	•
	Stainless Steel faceplate "U" Shaped 24m x 5mm Security grade 6 -1000kg	24	3	2	49636	35	•
	Version with 24 x 3mm flat faceplate Suitable for Surface mounting on Wispeco Sect 4000						
	Black Painted faceplate 24mm x 3mm Strike 06463-32, 2x 06465-22 Security grade 6 -1000kg	24	3	2	49526	35	•
	Stainless Steel faceplate 24mm x 3mm Strikes 06463-33, 2x 06465-23 Security grade 6 -1000kg	24	3	2	49726	35	•
	Optional - Top Extension kit for doors up to 3000mm - 06444-46 for lock 49436 - 06444-66 for lock 49636 - 06444-56 for lock 49526 - 06444-76 for lock 49726 - To convert to Roller Bolt versions - 06000-00 Roller, with inserts 06141-70/71/86						
	Additional Locking Points - Set of lateral extended bolts operated by internal rods - Horizontal sliding deadbolts with Hardened Steel Inserts. - Stainless steel faceplate 22 x 3mm Included - 06461-08 Stainless Steel Strike x2 - Pair of bolts diam 8mm - Guiding clamps 06224 - Connectors 06291-20				06443	31	•

Item	Description	Faceplate	Locking points	Throws	Type	Backset	Price
	Top Extension kit for doors up to 3000mm						
	• Black Painted faceplate "U" shaped 24mm x 5mm	24			06444	46	•
	• Stainless Steel faceplate "U" Shaped 24m x 5mm	24			06444	66	•
	• Black Painted faceplate 24mm x 3mm	24			06444	56	•
	• Stainless Steel faceplate 24mm x 3mm	24			06444	76	•
	🔑 Cylinder protection rose, for cylinder AP3, Astral (with ..long key) and Asix. Chrome plated carbonitrited.. ..steel complete with cover ring 06473-60, spacers.. ..and screws - for AP3, ASTRAL, Asix - for TSP, SP, C2000 Note – suitable for 60mm cylinder length with door thickness.. ..of 44mm.				06460 06460	05 06	• •
	🔑 Threaded Pin for fixing extended bolts for 4th and 5th position				06449	05	•
	🔑 Microswitch to be used with diverters for ..locks series 19000, 49000				06195	08	•
	🔑 Stainless steel strike - for 19225, 19436, 19636, 49225, 49250, 49436, 49636 - 24 x 1.5mm • Version with lip				06461 06461	07 07L	• •
	🔑 Stainless steel strike for additional slide bolts - for 19225, 19436, 19636, 49436, 49636 - 24 x 1.5mm				06461	08	•
	🔑 Adjustable Strike Lateral adjustment 4mm Central Part in black painted steel : for 19526, 49526 Central Part in stainless steel: for 19726, 49726 🔑 Adjustable Strike Lateral adjustment 4mm Central Part in black painted steel : for 19526, 49526 Central Part in stainless steel: for 19726, 49726				06463 06463 06465 06465	32 33 22 23	• • • •



DOOR CLOSERS

Access For All

Improved accessibility in and around a building is becoming an increasing requirement in many environments. For some building users a self-closing fire door can become a barrier – or at least an obstacle. Many countries are introducing laws or building regulations to ensure building owners take reasonable measures to avoid this situation. The CISA Cam action door closer helps the building owner meet their responsibilities and enhances user experience.



Maintenance

Door closers are crucial to the safety of a building and its occupants and consequently the correct operation of the door should be checked regularly against the effects of wear & tear and abuse.

- Only non corrosive and non abrasive cleaning agents should be used.
- Check all fixings are secure and make a visual check for faults and wear.
- Check the correct functioning of the door; that the door closes properly into the frame and the latch, if fitted, secures the door firmly in position.
- Make any adjustments as necessary for closing power/closing speed and latch action.
- Lubricate all external moving parts on the arm and pivot linkage.
- Ensure the closer is clean and free from all debris.
- For electromagnetic hold open closers ensure the system is operating correctly by using the test button located on the underside of the track.

A model to suit all applications and budgets



The CISA D7200 Series, a high performance, function rich series of surface mounted overhead door closers with adjustable power EN 2 - 5 and electromagnetic hold-open variants.



The CISA D6200 Series provides many of the features of the CISA D7200 but in a slimline and cost effective package. Available in simple trimplate option or with an all-over cover variant.



The CISA D8200 Series offers the full benefits of the CISA cam action in a fully concealed format, offering exceptional performance and aesthetics.

	Closing force EN1154	Max. door width	Max. door weight	Code	Size	Finish	Price
	2-5	850-1250	40-100	D7200	04	97	•
	2-5	850-1250	40-100	D7210	04	97	•
	2-5	850-1250	40-100	D7201	04	97	•
	2-5	850-1250	40-100	D7211	04	97	•
Mechanical Hold Open Device				07210	00	0	•

The CISA D7200 Series is CE marked to EN1154 (performance) and certified to EN1634-1 (fire) and EN1155 (electromechanical hold-open variants).

- Adjustable EN power sizes 2 - 5 and 2 - 4 in transom push side mounting.
- 'FAST PowerAdjust' function – in built visible strength regulator.
- Cast iron mechanism with cam action technology.
- Unique A-Line metal all over cover in a range of finishes.
- 'Accufit' installation self-adhesive template for quick and accurate positioning and first fix mounting plate for easy installation.
- Backcheck and delayed action as standard.
- Optional mechanical and electromagnetic hold open facility.
- Two separate models to satisfy all applications.
- 2 year guarantee.



CE Classification 4 8 2-5 1 1 3

Product features		Product references			
EN Closer size	max. door size [width - weight]	D7200	D7210	D7201	D7211
1	750mm - 20kg				
2	850mm - 40kg	■	■		
3	950mm - 60kg	■	■	■	■
4	1100mm - 80kg	■	■	■	■
5	1250mm - 100kg	■*	■	■	■
6	1400mm - 120kg	* EN 2 - 4 when push-side transom mounted			
Pull side door / Push side transom mounting		■		■	
Push side door / Pull side transom mounting			■		■
Variable closing power EN size		2 - 5*	2 - 5	2 - 5	2 - 5
FAST power adjust		■	■	■	■
Accufit template & Accufit mounting plate		■	■	■	■
Maximum angle of opening (pull side)		180°	180°	120°	120°
Separate closing speed & latch action adjustment		■	■	■	■
Adjustable backcheck		■	■	■	■
Adjustable delayed action		■	■	■	■
In-built temperature compensation		■	■	■	■
Matching slide channel, arm & cover finish		■	■	■	■
Dimensions (body L x D x H mm)		289 x 57 x 70	289 x 57 x 70	289 x 57 x 70	289 x 57 x 70
Channel/slide arm		443 x 20	443 x 20	443 x 20	443 x 20
Warranty period		2 years	2 years	2 years	2 years

CISA D6200 Series – Easy opening cam action technology in a simple, slimline package



The CISA D6200 Series incorporates the same high efficiency cam action as the CISA D7200 Series, providing the same exceptional ease of use by reducing the resistance encountered when initialising the opening of the door.

The CISA D6200 Series is offered as a simplified version of the CISA D7200 and is available with a radiused slide in trimplate.

Easy Opening, Reliable Closing

In contrast to a conventional rack and pinion door closer in a slide channel application, the linear cam action principle of the CISA D6200 Series is extremely efficient. The initial opening force decreases very rapidly as the door opens allowing, in particular, children and the elderly to overcome the closing power without any problem.

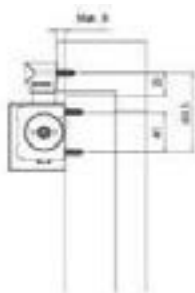
The CISA D6200 Series is CE marked to EN1154 and fire tested to EN1634 on timber doors to achieve a 2 hour fire rating.



D6200 Installation Options

CISA LD6200.03.0.97

Pull Side/Door Mounted

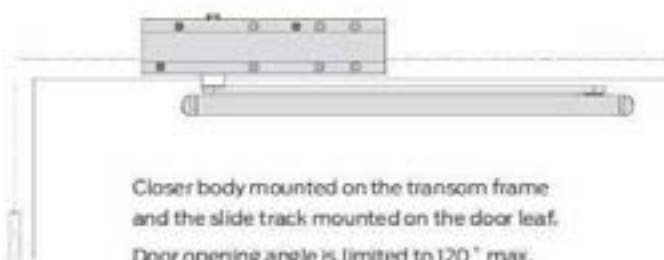
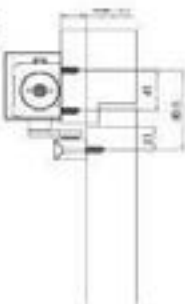


Closer body mounted on the door leaf and the slide track mounted on the transom frame or overpanel.

Door opening angle is 180° max.

CISA 1.D6200.03.0.97

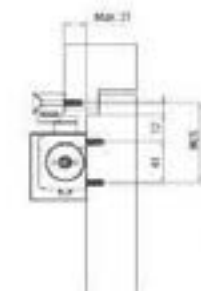
Push Side/Transom Mounted



Door opening angle is limited to 120° max.

CISA 1.D6210.03.0.97

Push Side/Door Mounted

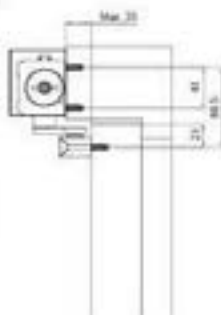


Closer body mounted on the door leaf and the slide track mounted on the transom frame or overpanel.

Door opening angle is limited to 120° max.

CISA LD6210.03.0.97

Pull Side/Transom Mounted



Door opening angle is 180° max.

	Closing force EN1154	Max. door width	Max. door weight	Code	Size	Finish	Price
	2-4	850-1100	40-80	D6200	03	97	•
	2-4	850-1100	40-80	D6210	03	97	•
	Mechanical Hold Open Device			07209	02	00	•

The CISA D6200 Series is available in 2 models:

Standard Model - Overhead door closer with slide channel conforming to the requirements of EN 1154, with adjustable power sizes 2 to 4. The closer and slide track are suitable for both left and right hand applications. Two models are available and must be specified according to the mounting position required - installed on the push or pull side of the door or to the transom. See diagrams on page 11.

Mechanical Hold-Open Application - Overhead door closer with slide track incorporating an adjustable mechanical hold-open device. Hold-open angle can be adjusted from 80° to 120° and allows the door to be manually released from the hold-open position with adjustable power sizes 2 to 4.

Additional hold-open/conversion kit required Ref: **2320.HP**

Mechanical hold-open models must not be used on fire and smoke doors.

Product features		Product reference	
EN Closer size	max. door size (width - weight)	1.D6200	1.D6210
1	750mm - 20kg		
2	850mm - 40kg	■	■
3	950mm - 60kg	■	■
4	1100mm - 80kg	■	■
5	1250mm - 100kg		
6	1400mm - 120kg		
Pull side door / Push side transom mounting		■	
Push side door / Pull side transom mounting			■
Variable closing power EN size		2 - 4	2 - 4
Accufit template and Accufit mounting plate		■	■
Maximum angle of opening*		180°	180°
Separate closing speed & latch action adjustment		■	■
Adjustable backcheck		■	■
Adjustable delayed action			
In-built temperature compensation		■	■
Mechanical hold-open		□	□
Matching slide channel, arm & cover finish		■	■
Dimensions (with trimplate L x D x H mm)		240 x 56 x 49	240 x 56 x 49
Channel / slide arm		444 x 20	444 x 20
Warranty period		2 years	2 years
CE classification		4 B 2-4 1 1 3	

■ Standard

□ Optional

* When door mounted.

Transom mounted closers are restricted to 120° opening.

CISA D8200 Series – Cam action in a compact concealed overhead closer



Versatile and elegant

The CISA D8200 Series is a precision manufactured cam-action, slide channel door closer, in a compact concealed unit. With the closer body mounted within the top of the door and the slide track within the head frame, the CISA D8200 Series offers high resistance to abuse and offers a highly aesthetic solution being fully concealed when the door is closed. Suitable for doors 44mm thick and above.

Providing exceptional ease of use by reducing the resistance encountered when opening the door, the CISA D8200 Series bridges the gap between the requirements for fire and smoke control and ease of operation required for accessibility.

The CISA D8200 Series is CE marked to EN1154 and fire tested to EN1634-1 on timber doors to achieve a 1 hour fire rating when installed with the approved intumescent gasket set (1.07209.20.0).



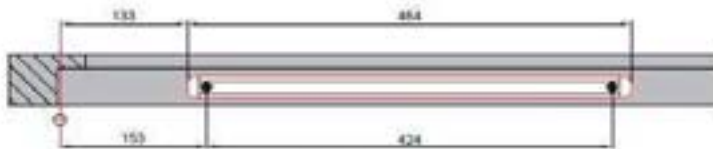
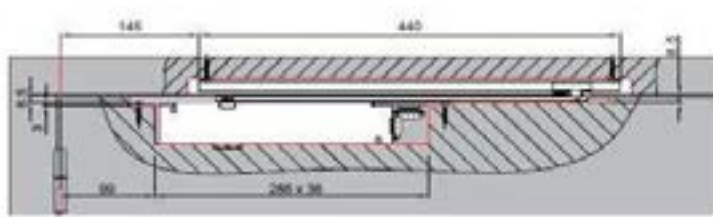
(EN 1154)

D8200 Installation Options

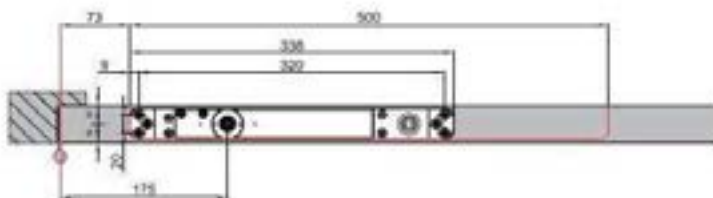


Door Mounted

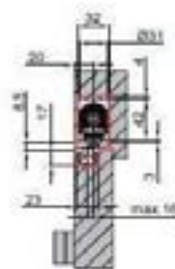
With the closer body mounted in the top of the door leaf and the slide track in the underside of the transom or head frame.



view of underside of transom

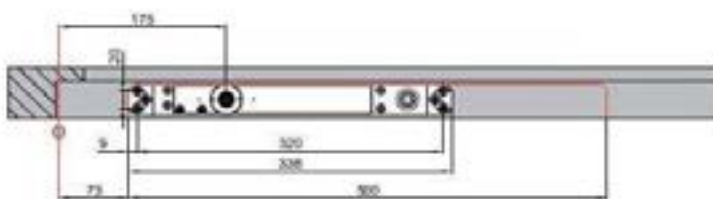
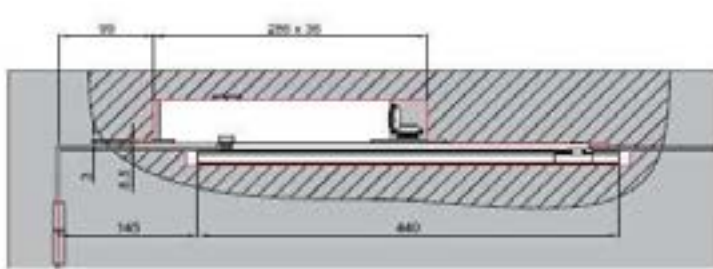


view of top of door leaf



Transom Mounted

With the closer body mounted in the underside of the transom and the slide track in the top of the door.



view of underside of transom



view of top of door leaf

	Closing force EN1154	Max. door width	Max. door weight	Code	Size	Finish	Price
	2-4	850-1100	40-80	D8200	03	97	•
	Mechanical Hold Open Device			07209	00	00	•
	Cushion Stop			07209	01	00	•

Specification

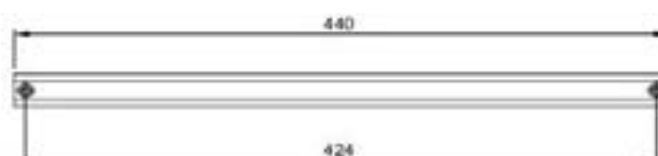
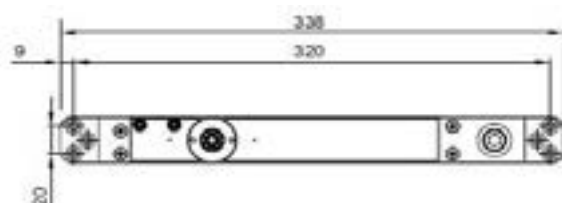
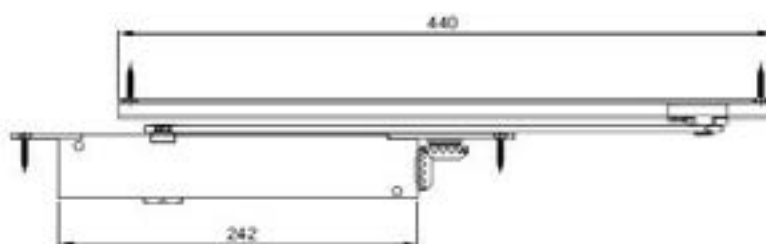
The CISA D8200 Series is CE marked to EN1154 (performance) and certified to EN1634-1 (fire).

- Concealed door closer to EN1154.
- Adjustable EN power sizes 2 to 4.
- CE marked.
- Extruded aluminium body with cam action technology.
- Power adjustment by regulator.
- Adjustable closing speed and latch action.
- Optional cushioning stop (Ref: 1.07209.010).
- Slimline aluminium slide track.
- 10 year performance guarantee.

For declaration of performance go to:

www.CISAdops.co.uk

Product features		Product reference
EN Closer size	max. door size [width - weight]	1.D8200
1	750mm - 20kg	
2	850mm - 40kg	■
3	950mm - 60kg	■
4	1100mm - 80kg	■
5	1250mm - 100kg	
6	1400mm - 120kg	
CE marked and EN1154 compliant		■
Variable closing power EN size		2 - 4
Min. door thickness for FD30 doors		44mm
Max. angle of opening		120°
Separate closing speed & latch action adjustment		■
Adjustable backcheck		
In-built temperature compensation		■
Cushion stop		Optional ■
Hold open facility		Optional ■
Arm & track finish		Silver, SS or PS
Dimensions (L x D x H mm)		242 x 42 x 32
Channel/slide arm		440 x 17
Warranty period		2 year
CE Classification		4 8 2-4 1 1 3





Door closers D5200 series



CISA D5200 series asymmetric rack and pinion door closers – easy opening and a compact design

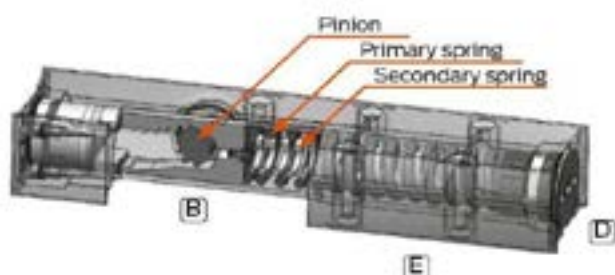


The CISA D5200 series guarantees exceptional ease of use by reducing the resistance encountered when opening the door.

Easy opening, reliable closing

In contrast to conventional door closers, asymmetric rack and pinion technology ensures maximum opening efficiency. The initial opening power decreases rapidly, allowing even children and the elderly to open the door easily.

The CISA D5200 series is CE marked to EN1154 and fire tested to EN1634 – 1 with a 2-hour fire rating on wooden doors (installation with plate 1.07153.15.0 mandatory).



The CISA D5200 series is available in 2 models:

Standard model - Overhead door closer with sliding arm that conforms to the requirements of EN 1154, adjustable power sizes 1-4. The door closer and slide track are suitable for both left and right hand applications. The same body can be mounted on either the hinge or opposite side with the closer fixed to the door, so it is aesthetically more pleasing. CE marked model suitable for fire door applications.

Mechanical hold open model - Overhead door closer with sliding arm incorporating an adjustable mechanical hold open device. The hold open angle can be adjusted from 70° to 120° depending on the type of installation and allows the door to be manually released from the hold open position.

Mechanical hold open models must not be used on fire or smoke doors.

Product features		Series code	
EN door closer	max. door size [width - weight]	D5200	D5210
1	750 mm - 20 kg	■	■
2	850 mm - 40 kg	■	■
3	950 mm - 60 kg	■	■
4	1100 mm - 80 kg	■	■
5	1250 mm - 100 kg		
6	1400 mm - 120 kg		
Pull side door/push side transom mounting		■	■
Push side door/pull side transom mounting		■	■
Adjustable closing power EN size		1- 4	1- 4
Accufit template and Accufit mounting plate		■	■
Max angle of opening*		180°	120°
Separate closing speed and latch action adjustment		■	■
Fixed backcheck		■	■
Adjustable delayed action			
Built-in temperature compensation valve		■	■
Mechanical hold open			■
Matching finish for arm, slide track and cover		■	■
Dimensions (with trimplate L x D x H mm)		243 x 41 x 56	243 x 41 x 56
Sliding arm		370 x 25 x 18	370 x 25 x 18
Warranty period		2 years	2 years
CE classification		4 8 2-4 1 1 3	

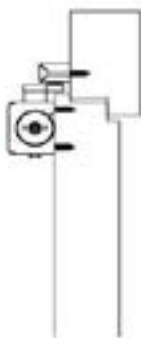
Features and benefits

- A** The CISA D5200 series has an aluminium pressure die-cast body.
- B** The high-performance asymmetric rack and pinion technology makes the door closer extremely efficient, ensuring maximum reliability and closing power on fire doors, while still making them easy to open.
- C** The lateral adjustment valves and the asymmetric rack and pinion technology mean it can be mounted on either the hinge or opposite side with the body fixed to the door.
- D** The power can be adjusted, so installers can adapt the door closer to the size and position of the door.
- E** The hydraulic fluid and built-in temperature compensation ensure reliable performance in temperatures from -15°C to +40°C without the need for seasonal adjustments.
- F** The sliding cover and pin cover conceal the main adjusting elements.
- G** The coordinating arm design with concealed fixings ensures smooth sliding when opening and closing the door.
- H** Version available with hold open device (D5210).

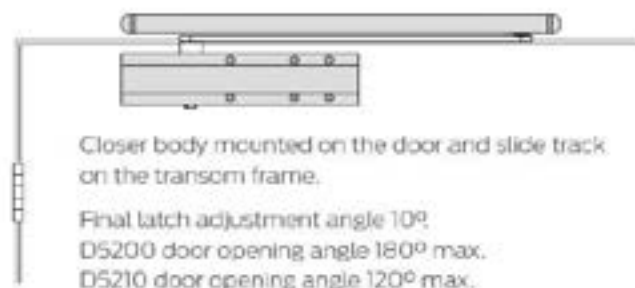
CISA D5200 Series - Installation options

CISA 1.D52x0.03.0.97

Pull side/door mounted

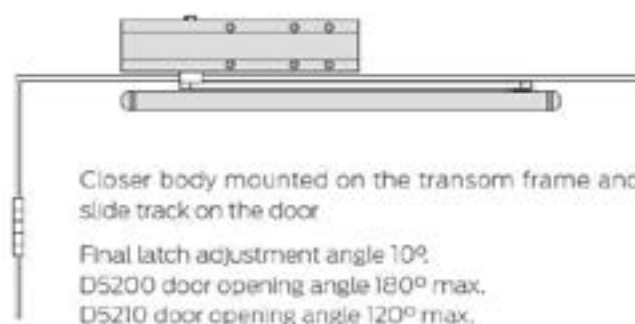


D5200 Standard Version
D5210 Hold Open Version



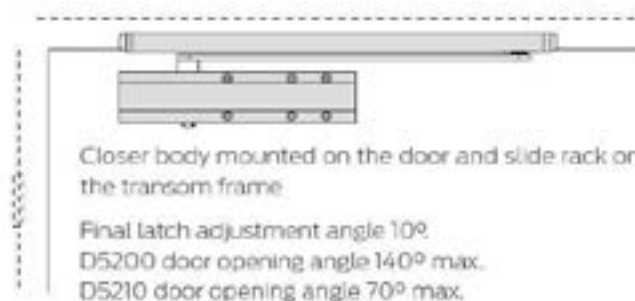
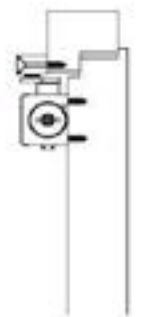
CISA 1.D52x0.03.0.97

Push side/transom mounted



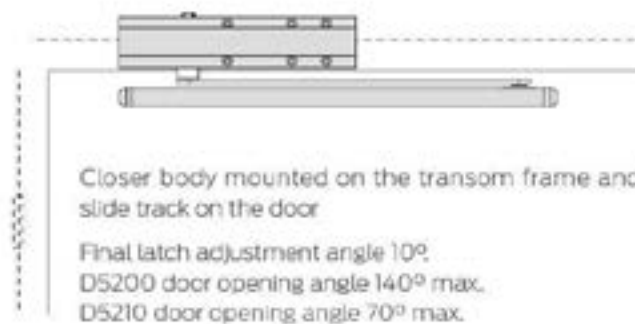
CISA 1.D52x0.03.0.97

Push side/transom mounted



CISA 1.D52x0.00.0.97

Pull side/transom mounted





Professional PLUS 2

Overhead door closers





Arm with hold-open device



*One-piece body
with sliding cover*



*Closing force
adjustment screw
(adjustable strength version)*



*Final latch
adjustment
valve*

*Closing speed
adjustment valve*



*Backcheck adjustment
valve*

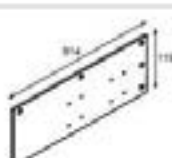
TECHNICAL FEATURES

- Adjustable steel arm with hold-open device
- One-piece aluminium body with sliding cover

ADJUSTMENTS

- **Closing force:**
Multistrength version: adjusted by changing the position of the closer body and the arm hinge (C15 model)
Adjustable strength version: adjusted by turning the screw on the side of the closer body (C16 and C21 models)
- Closing speed and final latch adjustment valves positioned on the front for easy access. The valves are protected by the cover to prevent unauthorised adjustments
- Closing speed can be adjusted from 180° to 15° by the relevant valve (closing)
- Force of final latch can be adjusted from 15° to 0° by the relevant valve (latch)
- Adjustable backcheck helps lower the risk of damage to the door and surrounding walls
- Hold-open position can be adjusted up to 130° (cannot be used on fire doors)

TYPE	CERT.	DESCRIPTION	IN CLOSING FORCE	DOOR WIDTH MIN	DOOR WEIGHT KG			ITEM			
								Type	Des.	Head	Pls.
	CE 	MULTISTRENGTH • Without hold-open device	2÷4	850÷1100	40÷80	2,300	1	1 C1510	03	0	97
		MULTISTRENGTH • With hold-open device on arm	2÷4	850÷1100	40÷80	2,300	1	1 C1511	03	0	97
	CE 	ADJUSTABLE STRENGTH • Without hold-open device • Backcheck	2÷4	850÷1100	40÷80	3,100	1	1 C1610	03	0	97
		ADJUSTABLE STRENGTH • With hold-open device on arm • Backcheck	2÷4	850÷1100	40÷80	3,100	1	1 C1611	03	0	97
	CE 	ADJUSTABLE STRENGTH • Without hold-open device • Backcheck	2÷6	850÷1400	40÷120	3,500	1	1 C1610	05	0	97
		ADJUSTABLE STRENGTH • With hold-open device on arm • Backcheck	2÷6	810÷1400	40÷120	3,500	1	1 C1611	05	0	97
	CE 	• Sliding arm • Without hold-open device	3	950	60	2,600	1	1 C2010	03	0	97
	CE 	ADJUSTABLE STRENGTH • Sliding arm • Without hold-open device • Backcheck	2÷4	850÷1100	40÷80	3,700	1	1 C2110	03	0	97

TYPE	DESCRIPTION	QTY	ITEM		
			Type	Qty	Unit
	Hold-open device with sliding arm for C2010 03 and C2011 03 series	1	1 07210	01	0
	Door closer steel backplate for C1510 03 and C1511 03 series	1	1 07142	01	0
	Door closer steel backplate for C1510 03 and C1511 03 series	1	1 07153	02	0
	Angle bracket	1	1 07141	01	0
	Door closer steel backplate for C1610 03 and C1611 03 series	1	1 07153	03	0
	Door closer steel backplate for C1610 03 and C1611 03 serie	1	1 07153	04	0
	Door closer steel backplate for C1610 05 and C1611 05 series	1	1 07153	05	0
	Door closer steel backplate for C1610 05 and C1611 05 series	1	1 07153	06	0





Smart PLUS 2

Overhead door closers

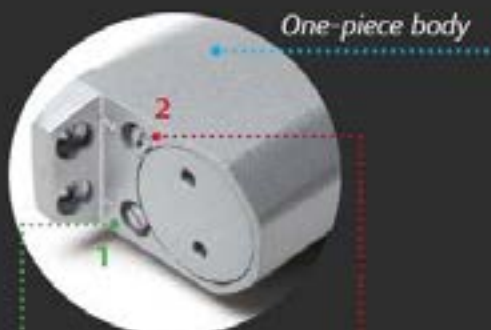




Arm with hold-open device



*EN standard force adjusted
by changing the position of the support
(see Installation Instructions)*



*Closing speed
adjustment valve*

*Final latch
adjustment valve*

TECHNICAL FEATURES

- Steel arm with hold-open device
- One-piece body in pressure die-cast aluminium alloy
- Rack and pinion mechanism in hardened steel for smooth and efficient operation
- Removable ABS cover

ADJUSTMENTS

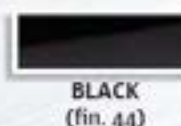
- Multistrength version adjusted by changing the position of the body and the arm hinge, forces 2 and 3 (EN1154 force), force 3 (CE)
- Separate closing speed and final latch adjustment valves
- Closing speed can be adjusted from 180° to 15° by the relevant valve (1)
- Force of final latch can be adjusted from 15° to 0° by the relevant valve (2)
- Hold-open position can be adjusted up to 130° (cannot be used on fire doors)

FINISHES

Standard



Optional



Smart PLUS2 Overhead door closers



TYPE	CERT.	DESCRIPTION	EN CLOSING FORCE	DOOR WIDTH mm	DOOR WEIGHT kg	kg		ITEM			
						NET WEIGHT	PRICE	Type	Dist.	Lead	Ref.
	CE	MULTISTRENGTH • Without hold-open device • CE marked in compliance with DS/106/CEE Directive issued by NCM	3	950	60	1,000	1	1 C1415	03	0	97
		MULTISTRENGTH • With hold-open device on arm	2+4	050+1100	40+00	1,000	1	1 C1416	03	0	97

Smart PLUS2 Overhead door closers - Installation accessories



TYPE	CERT.	DESCRIPTION	kg		ITEM			
			NET WEIGHT	PRICE	Type	Dist.	Lead	Ref.
		• Arm bracket	0,230	1	1 07141	01	0	97



DOOR CLOSERS

Specification

- Adjustable arm
- Valve for closing speed adjustment.
- Valve for final slam adjustment.
- Grey finish "97".

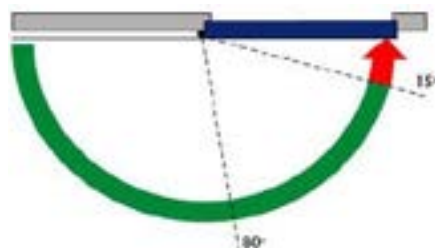


Code	Size	Price
60450	03	•
60450	04	•

Force table in relation to door size according to UL standards.

Size No.	REGULAR ARM			Door Weight Kgs.
	Internal Door	External Door		
		Swing Out	Swing in	
3	950	900	800	40-60
4	1050	950	900	60-85

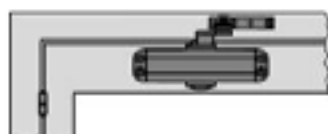
ADJUSTMENTS



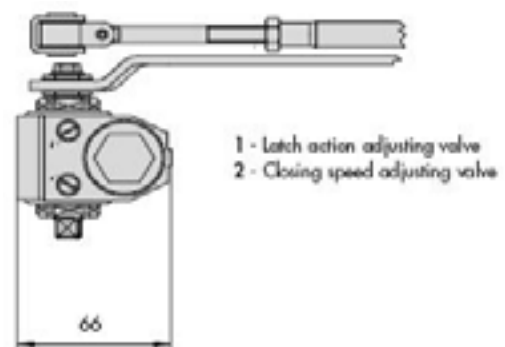
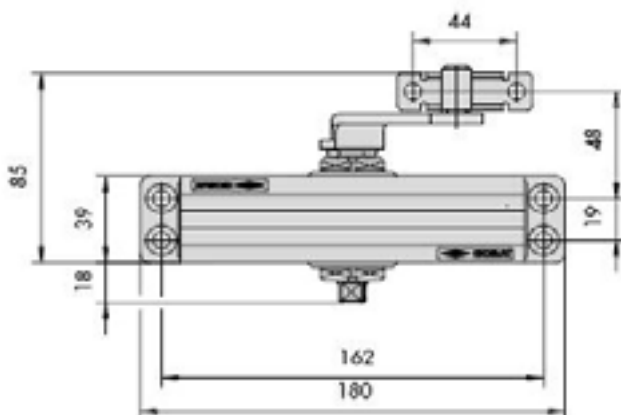
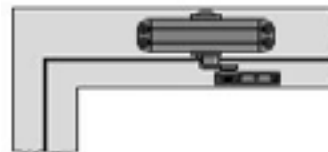
- Adjustable latch action range
- Adjustable closing speed range

INSTALLATION

Assembly on the hinge pull side



Assembly on the top jamb push side



BRITON ELECTROMAGNETIC DOOR CONTROLS

COMMON FEATURES OF THE RANGE

Linked to the building's alarm system, electro-magnetic door controls eliminate the illegal practice of wedging doors open. This dangerous practice prevents a fire door functioning as it should in stopping the spread of flames and smoke in the event of a fire.

Hold open function enables doors to remain in an open position – ideal for corridors.

- Designed for use on low voltage 24V DC circuits
- CE marked
- Fully certified to EN1154, EN1155 & EN1634 where appropriate

BRITON 503 ELECTROMAGNETIC DOOR HOLDERS

When used in conjunction with a suitable door closing device, fire alarm and detection system, these Briton electromagnetic hold open devices permit fire doors to be held open during normal operation. In the event of fire or smoke detection the units are automatically de-activated and the doors will close under the action of the door closer.

- Fully Compliant with EN 1155
- Built in release/test button to simulate alarm activation in order to check operation on a regular basis



CE



TIMBER DOORS



ELECTRICAL



Electro Magnetic Door Holder
Surface Mounted in White finish only

Floor Mounted Bracket
White



Specification Electro Magnetic Door Holder
Flush Mounted in Silver finish



Flush Mounted wall bracket for 533C

Code	Finish	Price
IB503	WH	•
IB533FMB	WH	•
Available While stocks last IB533	SE	•
Available While stocks last IB533C	SE	•

DOOR COORDINATORS – BAR VERSION

DPSCOR



40mm wide x 16mm deep



- The DPSCOR Series Coordinators are for double rebated self closing doors. The active leaf is held open by the coordinator until the inactive leaf has closed.
- The inactive door leaf closes onto a trigger lever which release the lever holding the active leaf.
- Special over-ride feature, prevents damage to the door and hinges from forced closing
- Made of aluminium with steel levers
- Optional: Mounting Blocks for fitting Panic Device top latch/bar

Door sizes	For Opening Width	Length	Code	Size	Price
Pair of 600mm doors	1120mm-1346mm	1067mm	DPSCOR	42	•
Pair of 750mm to 1200mm doors	1370mm-2438mm	1320mm	DPSCOR	52	•
• Suitable for Fire Doors with door frame rebate of 50mm and door rebate of 25mm					

FILLER BARS to maintain a clean line

DPS-CORFB



41mm wide x 16mm deep

- Made of anodised Aluminium
- Filler bars are cut to size at sight

500mm

DPSCORFB

20

•

GRAVITY DOOR COORDINATORS

	For Opening Width	Arm length	Code	Size	Price
	Pair rebated doorsover 864mm wide.	215MM	DPSCORG	8	•

- Similar to the bar coordinators, the CORG Gravity coordinator holds the active leaf open until the inactive leaf has closed.
- Non-handed – Brass satin chrome
- Nylon Rollers offer a silent action and protect the doors.



USP - Primed for painting
SP28 - Aluminium Painted

Size mm

Stop
width
mm

Code

Finish

Price

100w x 75d

64 min.

MB1

USP

•

100w x 75d

38 min.

MB1F

SP28

•

100w x 75d

86 min.

MB3F

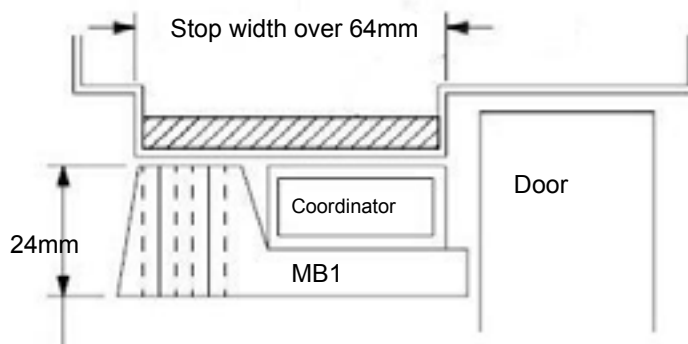
SP28

•

Mounting Brackets

- MB Mounting brackets are made of aluminium
- Allows hardware to be properly installed without damaging the COR coordinator:
 - Parallel arm closer arm
 - Panic device vertical rods.
 - Soffit Brackets

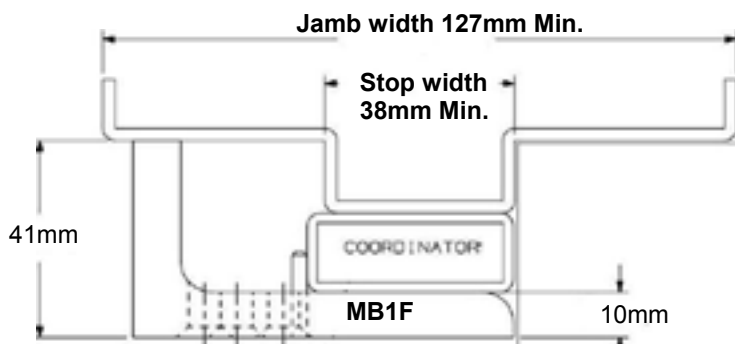
MB1



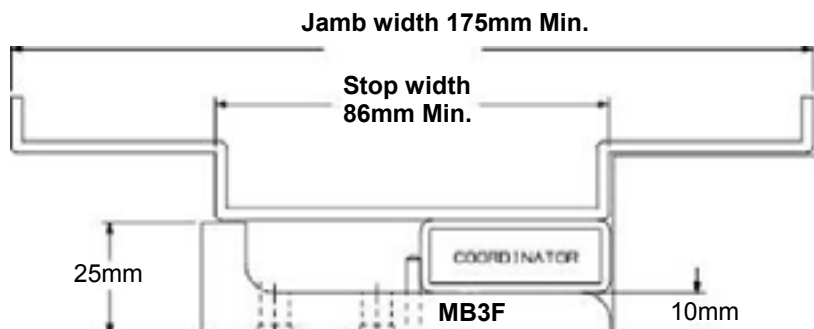
Fire Rated Mounting Brackets

- MB Fire Rated Mounting brackets are made of Steel
- Allows Fire Rated hardware to be properly installed without damaging the COR coordinator:
 - Parallel arm closer arm
 - Panic device vertical rods.
 - Soffit Brackets

MB1V



MB3F



PANIC DEVICES

Exit Hardware

The Briton exit hardware range provides products suitable for single and double door applications for both public and non public buildings.

When lives may depend on a exit device Briton feel they have a responsibility to design and test products to exceed all current performance and safety standards, ensuring they will operate first time, every time.

Rigorous testing is continually being carried out on the Briton range of exit hardware providing peace of mind.



Understanding EN 1125 & EN 179 and CE

A mandatory requirement

Every new build or replacement panic and emergency exit application is required to comply with European safety legislation. The European standards EN 1125 and EN 179 covering exit devices for buildings have now been designated to demonstrate compliance with this legislation. Together they replace BS 5725:pt1:1981 which is now withdrawn. As from April 2003 it became mandatory for all manufacturers to CE mark exit devices for fire and escape door use.

Two standards instead of one - which one for which application?

Panic Application - EN 1125

A panic application is where the exit door is used by the public and provides "safe and effective escape through the doorway with minimum effort and without prior knowledge of operation".

For example:

- Theatres
- Shops
- Schools
- Hospitals
- Cinemas

Products used in panic applications require an operating device that covers the width of the door e.g. crossbars or touchbars.



Emergency Application - EN 179

An emergency application is where the exit door is in a low occupancy environment and will only be used by trained personnel.

For example: a place of work, never accessed by the public or people unfamiliar with the escape drill.

- Offices
- Private Flats and Apartments
- Store Rooms / Boiler Rooms

Products used in emergency applications require only a single point of operation e.g. pushpads or levers.



Briton 376E series of exit hardware carries the CE mark visibly showing that the products have been independently tested and assessed to the very latest European standards EN 1125 and EN 179. CE marking is a requirement of the European Construction Products Directive.

From April 2003 it became mandatory for all manufacturers to be able to prove CE compliance for exit devices to be used on fire and escape doors. Copies of certificates are available on request, please contact our Technical Services department.

There are 3 ways to be sure exit hardware meets the CE mark criteria:

1. - CE certificates are readily available for inspection.
2. - Products are regularly tested within a UKAS accredited testing facility as part of an ongoing audit test programme.

3. - Products are manufactured on a production line that has been inspected and accredited under FPC (Factory Process Control) conditions, a further requirement of the CE marking process. This ensures that correctly specified materials and manufacturing methods are consistently employed.



Briton Testing, testing...

When lives may depend on an exit device Briton feel they have a responsibility to design and test products to exceed all current performance and safety standards, ensuring they will operate first time, every time.

Rigorous testing is continually being carried out on the Briton range of exit hardware providing peace of mind for specifiers, distributors, installers and users.

Low operating force

Repeatedly tested to operate at 50% lower than the standard requirement, ensuring that the door can be operated with minimum force, for example by small children, the elderly and people with special needs.

Two tests are undertaken. The first is to operate the door with a maximum force of 80 Newtons.

The second test simulates a panic situation whereby the door is put under 1000 Newton pressure to simulate a group of people pushing against the door.

The operating force on the device with this weight should not exceed 220 Newtons.



Abusing the crossbar

The crossbar is attacked with a force equivalent to that of a 16 stone man (1000 Newtons) pulling and pushing it in all directions and standing on it, after which the bar must still operate.

Cycle testing

Cycle tested to measure durability for everyday use. Briton 376E series products not only exceed the highest requirement of 200,000 cycles, they have been tested up to 600,000 cycles - 3 times the standard requirement!

The finger trap test

To reduce the risk of trapping fingers and/or the blocking of the panic device, any gap shall not trap a test rod of 10mm diameter at any position of the bar travel during the operation of the panic device.

Under both standards each product is classified and graded to identify the level of compliance within each category. These classifications are set out opposite.

Abusing the bolt

Testing the strength of the bolt involves the equivalent of the combined strength of 4 people trying to pull the bolt away from the door.

An attempted break-in is simulated to test the security of the bolt, force is applied to the anti-thrust device as if the bolt were being 'jimmied' out of its socket.

Corrosion resistance

A test which measures how suitable the exit device is for varying environmental conditions. All Briton 376E series panic and emergency exit hardware have been tested to EN 1670 Building Corrosion Requirements and have achieved at least grade 3 (high resistance). This ensures the product will function correctly in wet, polluted and exterior environments. Note, EN 1670 test does not relate to the finish.

The standard EN 179 features a number of tests used in EN 1125 but has different levels of security testing.

EN Classification Codes

Category of use

Class 3 = high frequency of use by public and others with little incentive to exercise care.

Durability (Cycle Testing)

Grade 6 - 100,000 cycles
Grade 7 - 200,000 cycles

Door size/mass

Class 5 - doors up to 100kg
Class 6 - doors up to 200kg.

Fire Resistance (EN 1634)

Classification 1 - suitable for fire/smoke door use
Classification 0 - not suitable for fire/smoke door use

Safety

All panic and emergency devices have a critical safety function therefore only grade 1 is identified.

Corrosion Resistance (EN 1670)

Grade 3 - high resistance
Grade 4 - very high resistance.

Security

EN 1125 - Grade 2 - up to 1000N.
EN 179 - Grade 2 - 1000N
- Grade 3 - 2000N
- Grade 4 - 3000N

Projection of Device

Class 1 - projection up to 150mm
Class 2 - projection up to 100mm

Type of Operation

EN 1125 Type A - 'push bar' operation
Type B - 'touch bar' operation
EN 179 Type A - 'lever handle' operation
Type B - 'push pad' operation

3
(3)

7
(6/7)

6
(5/6)

1
(0/1)

1
(1)

4
(3/4)

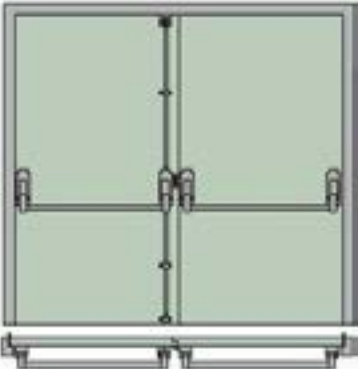
2
(2)

2
(1/2)

B
(A/B)



- Finish – Grey
- Suitable for Recessed Door Frames.
- Optional Top Strike 376FFKP for flush frames.
- Optional Latch Strike 378DDS for flush frames.

	Code	Size	Finish	Price
 BRITON 377 PUSH BAR-DOUBLE REBATED DOOR PANIC SET • Comprises 376, 378 & 378DDS • For doors up to 2500mm high and 1300mm wide • Adjustable top and bottom shoots. • Supplied with easy clean socket.	377E		97	•
 BRITON 376 PUSH BAR-VERTICAL PANIC BOLT • Two Locking points • Anti thrust device, prevents unauthorised retraction of latch bolt • Adjustable top and bottom shoots. • Supplied with easy clean socket. • For doors up to 2500mm high and 1300mm wide	376E		97	•
	Top Flush Face Keeper for Flush Frames		97	•
	ADDITIONAL TOP ROD – extends height for doors up to 3315mm high		97	•
 BRITON 378 PUSH BAR-RIM PANIC LATCH • Can be fitted with rim cylinder to outside the door • For doors up to 1300mm wide	378E		97	•
	Double Door Strike for 378E		97	•

BRITON PANIC EXIT -OUTSIDE HANDLES

Briton

	Code	Size	Finish	Price
 BRITON 1413E OUTSIDE ACCESS DEVICE - Designed to fit with all Briton 376 devices. - Supplied with cylinder - Fixings supplied. - Suitable for doors 40mm to 70mm thick	1413ELE		97	•
 BRITON 1413-KNOB OUTSIDE ACCESS DEVICE - Designed to fit with all Briton 376 devices. - Supplied with cylinder - Fixings supplied. - Suitable for doors 40mm to 70mm thick - Ergonomic Design providing improved grip in wet conditions <u>Ergonomic Design</u> providing improved grip in wet conditions	1413EKE		97	•
				

BRITON PANIC EXIT - PUSH PADS

Briton

	Code	Size	Finish	Price
 BRITON 1438E PUSH PAD-RIM PANIC LATCH - Can be fitted with rim cylinder to outside the door - For doors up to 1300mm wide - Security Grade 3 : 2000 newtons	1438R		97	•
				NEW
 BRITON 372 PUSH PAD-VERTICAL PANIC BOLT - Two Locking points - Anti thrust device, prevents unauthorised retraction of latch bolt - Adjustable top and bottom shoots. - Supplied with easy clean socket. - For doors up to 2500mm high and 1300mm wide - Security Grade 4 : 3000 newtons	372E		97	•
				NEW



- Finish – Grey
- Suitable for single doors.
- Also suitable for first opening leaf of double door applications.
- Suitable for doors up to 1300mm
- Hand reversible on site
- Anti-thrust device prevents unauthorised retraction of the latch bolt.

	Code	Size	Finish	Price
	BRITON 379N MORTICE PANIC LATCH • Supplied without cylinder • Includes Mortice Panic LOCK • Includes steel box strike	379N	97	•
	BRITON 379 PANIC BAR ONLY	379E	97	•
	LOCK ONLY FOR ABOVE	55250P		•
	BRITON 389E- PUSH PAD MORTICE PANIC LATCH • Supplied without cylinder • Includes Mortice Panic Dead Locking Latch • Includes steel box strike • Security Grade 4 : 3000 newtons	389E	97	•

NEW





CISA FAST PLUS
ANTIBACTERIAL PROTECTION

Solutions
for emergency exits.



CISA FAST PLUS

Greater protection.

CISA panic exit devices satisfy an important requirement: they guarantee maximum protection and safety in environments with heavy human traffic, like cinemas, theatres, offices, sports centres, while complying with European standards.

CE certification.

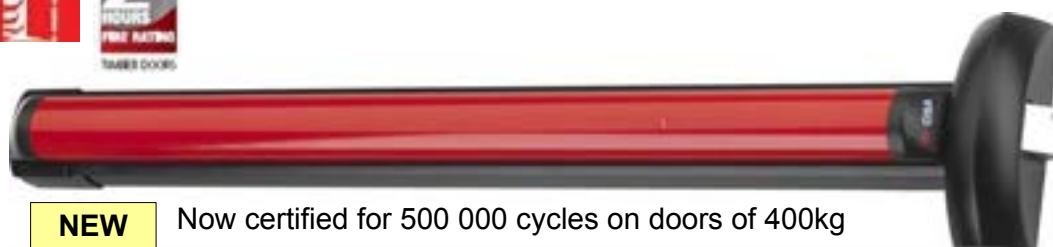
In 2002 CISA was the first company in Italy to introduce CE marking on its panic exit devices. In 2013 legislation came into effect whereby all non-CE marked panic exit devices had to be replaced.

500,000 reasons to choose FAST

Today, in keeping with its policy of ongoing improvement and compliance to applicable standards, CISA has obtained further certification from ICIM, the certification body recognised throughout Europe.

This voluntary certification certifies the durability of FAST panic exit devices for 500,000 cycles on doors weighing 400 kg, compared to the provisions of the highest grade of the standard (Grade 7) which tests 200,000 cycles on doors weighing over 200 kg.

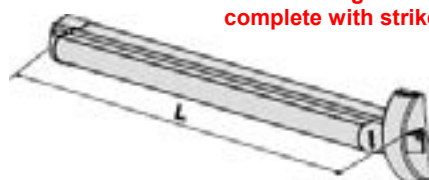
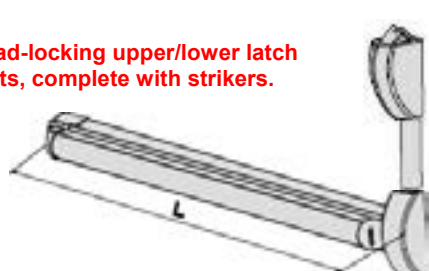
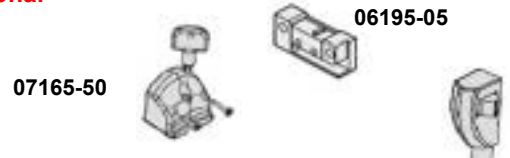




**CISA
FAST
PLUS**
ANTIBACTERIAL
PROTECTION

NEW

Now certified for 500 000 cycles on doors of 400kg

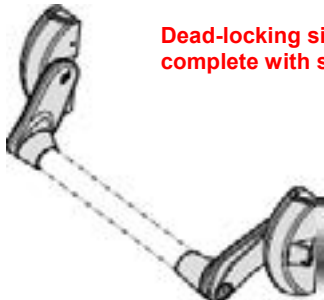
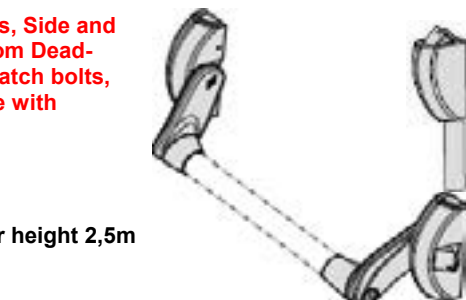
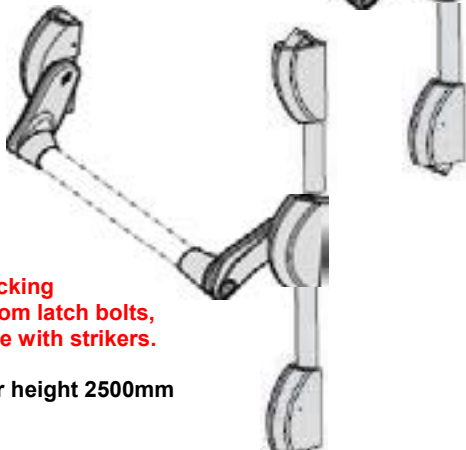
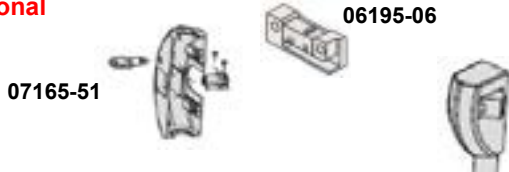
	Colour	L	Code	Fin.	Price
Dead-locking side latch bolt, complete with striker.  3 Latches, Side and Upper/lower Dead-locking latch bolts, complete with strikers.  Max Door height 2500mm Dead-locking upper/lower latch bolts, complete with strikers.  Max Door height 2500mm Suitable for max. door height 2.5m.	FIRE RATED				
	Black Case, Red Bar	1200 mm	59801-10FR	00	•
	Grey Case, Grey Bar	1200 mm	59801-10FR	97	•
	Stain/S Pvd Case+Bar	1200 mm	59801-10FR	C2	•
	Black Case, Red Bar	840 mm	59801-11FR	00	•
	Grey Case, Grey Bar	840 mm	59801-11FR	97	•
	Stain/S Pvd Case+Bar	840 mm	59801-11FR	C2	•
	FIRE RATED				
	Black Case, Red Bar	1200 mm	59811-10FR	00	•
	Black Case, Green Bar	1200 mm	59811-10FR	43	•
	Black Case, Bronze Bar	1200 mm	59811-10FR	64	•
	Black Case, Brass Bar	1200 mm	59811-10FR	A1	•
	Grey Case, Grey Bar	1200 mm	59811-10FR	97	•
	Stain/S Pvd Case+Bar	1200 mm	59811-10FR	C2	•
	Black Case, Red Bar	840 mm	59811-11FR	00	•
	Grey Case, Grey Bar	840 mm	59811-11FR	97	•
	Stain/S Pvd Case+Bar	840 mm	59811-11FR	C2	•
Optional  07165-50 06195-05	FIRE RATED				
	Black Case, Red Bar	1200 mm	59816-10FR	00	•
	Grey Case, Grey Bar	1200 mm	59816-10FR	97	•
	Stain/S Pvd Case+Bar	1200 mm	59816-10FR	C2	•
	Black Case, Red Bar	840 mm	59816-11FR	00	•
	Grey Case, Grey Bar	840 mm	59816-11FR	97	•
	Stain/S Pvd Case+Bar	840 mm	59816-11FR	C2	•
	Fitted Microswitch		06195-05	00	•
	Hold open device		07165-50	00	•
			07165-50	97	•
Supplied with top/bottom side latches refer page 10.9					
	RAL 6001 Green Finish 43		Brass Plated Finish A1		Anodised Bronze Finish 64

NEW

Now certified for 500 000 cycles on doors of 400kg


**CISA
FAST
PLUS**
ANTIBACTERIAL
PROTECTION

2
HOURS
FIRE RATING
TAMER COLOUR


	Colour	L	Code	Fin.	Price
 Dead-locking side latch bolt, complete with striker.  3 Latches, Side and top/bottom Dead-locking latch bolts, complete with strikers. Max Door height 2,5m  Dead-locking top/bottom latch bolts, complete with strikers. Max Door height 2500mm Suitable for max. door height 2.5m.	FIRE RATED				
	Black Case, Red Bar	1200 mm	59001-10FR	00	•
	Grey Case, Grey Bar	1200 mm	59001-10FR	97	•
	Black Case, Red Bar	840 mm	59001-11FR	00	•
	Grey Case, Grey Bar	840 mm	59001-11FR	97	•
	FIRE RATED				
	Black Case, Red Bar	1200 mm	59011-10FR	00	•
	Grey Case, Grey Bar	1200 mm	59011-10FR	97	•
	Black Case, Red Bar	840 mm	59011-11FR	00	•
	Grey Case, Grey Bar	840 mm	59011-11FR	97	•
	FIRE RATED				
	Black Case, Red Bar	1200 mm	59016-10FR	00	•
	Grey Case, Grey Bar	1200 mm	59016-10FR	97	•
	Black Case, Red Bar	840 mm	59016-11FR	00	•
	Grey Case, Grey Bar	840 mm	59016-11FR	97	•
Optional  07165-51 06195-06	Fitted Microswitch		06195-06	00	•
	Hold open device		07165-51	00	•
	Supplied with top/bottom side latches, refer accessories			97	•



Dead-locking side latch bolt, complete with striker.



3 Latches, Side and top/bottom Dead-locking latch bolts, complete with strikers.

Max Door height 2500mm



Dead-locking top/bottom latch bolts, complete with strikers.



Max Door height 2,5m

Suitable for max. door height 2.5m.

Optional



Colour	L	Code	Fin.	Price
FIRE RATED Black Case Grey Case		59051-10FR 59051-10FR	00 97	• •
FIRE RATED Black Case Grey Case		59061-10FR 59061-10FR	00 97	• •
FIRE RATED Black Case Grey Case		59066-10FR 59066-10FR	00 97	• •
Supplied with top/bottom side latches, refer accessories				



Motorised panic exit solution



CISA eFA1 is a motorised opening mechanism. Different access systems can be installed such as a key pad or a card reader, to increase the performance of emergency exit doors exponentially and transform them into effective "smart" entrances.



Benefits and features



ANTIBACTERIAL PROTECTION

CISA FAST PLUS protects, thanks to an antibacterial powder coating which prevents the spread of dangerous microorganisms and the growth of fungi and bacteria.



CERTIFICATIONS AND MARKINGS

The materials used and the technical solutions adopted are in compliance with the strictest regulatory requirements. This has enabled CISA to obtain the CE Marking in compliance with the Construction Products Regulation No. 305/2011.

The product is also in compliance with the Electromagnetic Compatibility (EMC) Directive 2014/30/EU for residential and industrial applications.

MAXIMUM SECURITY

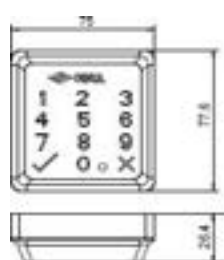
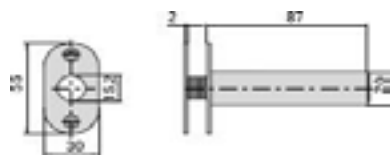
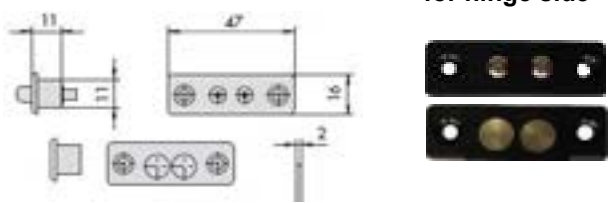
Thanks to the system which blocks the door in three different points, the risk of forced entry is reduced and closing becomes smooth and silent, the ideal solution for locations with heavy human traffic.

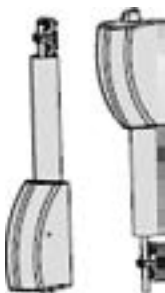
OPERATION

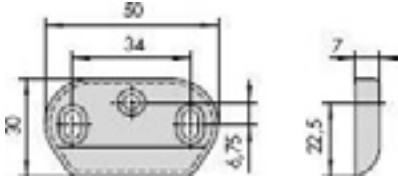
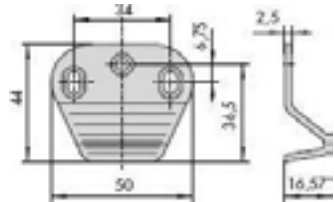
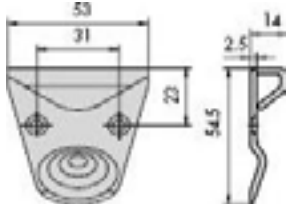
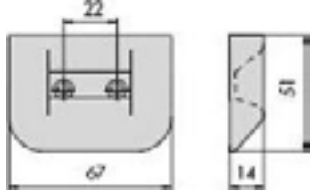
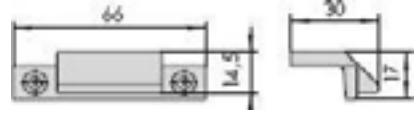
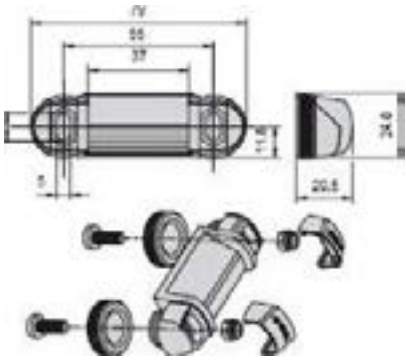
The panic exit device has the same features as the mechanical version, in compliance with EN1125, but offers an additional electronic opening function.

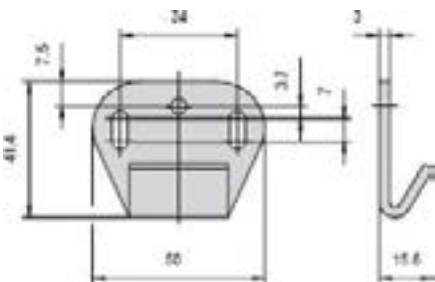
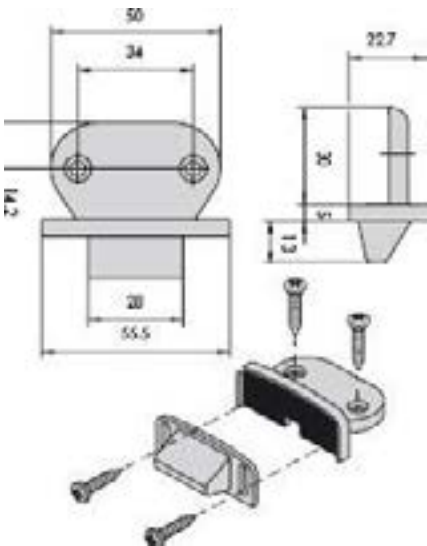
FEATURES

- CE-marked
- Non-handed
- Panic exit device can be shortened to 600 mm
- Rim version
- Can be integrated into an existing access control system. Can also be controlled by a button
- Power supply 12-20V AC, 12-24V DC
- Max. current absorption 1.5A
- Current absorption in standby: 5mA
- Length of connecting cable 4 m
- Operating temperature from -10 to +50°C
- Power supply not supplied. A 12V AC transformer is available on request
- Opening acoustic alarm
- Timed latch withdrawal after opening, adjustable from 3 to 30 seconds
- Possibility of installing an electric hold open device

	Colour	L	Code	Fin.	Price
	Side latch only	FIRE RATED Black Case, Red Bar 1200 mm	59851-10	00	•
	3 Latches Side latch plus top & bottom latches 07063-61	FIRE RATED Black Case, Red Bar 1200 mm	59856-10	00	•
	3 Latches Side latch plus 2 Side latches 07063-51	FIRE RATED Black Case, Red Bar 1200 mm	59857-10	00	•
	CISA Keypad Satin Chrome	 	Optional Lead time 6 wks 06525-75	B1	•
	Concealed cable guard 	06515-00	•		
	Internal Cable guard with spring 	06515-15	•		
	Cable Connector for hinge side 	06510-10	•		

	Suitable for	Code	Fin.	Price
 Pair of side locking latches Including • 2 Striker 07072-20 • 2 Striker 07072-21 • 2 flexible cables • 2 cable covers • 2 connecting plates • 2 cable feedthrough hooks	59811 59816 59011 59016 59061 59066	07063-51FR 07063-51FR	00 97	• •
 Pair of top & bottom locking ..latches Including • 1 Top Striker 07072-20 • 1 Top Striker 07072-21 • 1 Floor Striker 07072-27 • 2 flexible cables • 2 cable covers • 2 connecting plates • 2 cable feedthrough hooks	59811 59816 59011 59016 59061 59066	07063-61FR 07063-61FR 07063-61FR	00 97 C2	• • •
 Pair of top & bottom Deadbolts ...for Swinging Doors Including • 1 Top Striker 07272-25 • 1 Top Striker 07072-26 • 1 Floor striker 07072-25 • 2 threaded bolts • 2 bolt covers • 2 bolt guiding hooks • 2 connecting plates	59811 59816 59011 59016 59061 59066	07063-71FR 07063-71FR	00 97	• •
 Top extended bolt kit Including • Flex cable • Cable cover • Cable feedthrough hook • 2,25m Long	07063-51 07063-61	07064-51 07064-51	00 97	• •
 Top extended bolt kit Including • Threaded bolt kit • Bolt cover • Bolt guiding hook	07063-71	07064-71 07064-71	00 97	• •

	Suitable for	Code	Fin.	Price
 Strike for flush fittings and for ...double doors	59001 59051 59801 07063-51 07063-61	07072-20 07072-20	00 97	• •
 Strike for recessed frames Included with 59001, 59051, ..59801, 07063-51, 07063-61	59001 59051 59801 07063-51 07063-61	07072-21 07072-21 07072-71	00 97 SS	• • •
 Floor Strike	07063-61	07072-27 07072-27	00 97	• •
 Floor Strike	07063-61	07072-28 07072-28	00 97	• •
 Top and lateral strike for PVC Black nylon		07072-30	00	•
 Aluminium Door Strike - Vertical and horizontal adjustment - Avoid using spacers	59001 59051 59801 07063-51 07063-61	07072-31	00	•

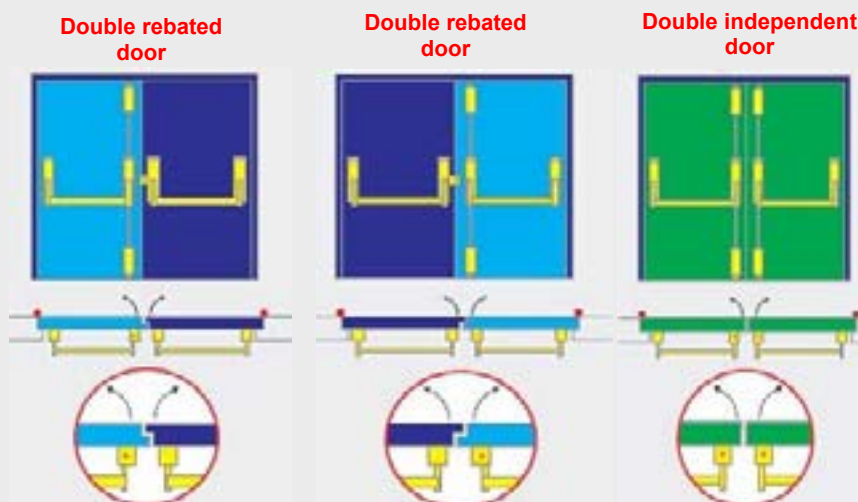
	Suitable for	Code	Fin.	Price
 Gate Striker • Enables wide adjustment range • Installation on doors with gap ... between gate and frame up to 25mm • Flush compensation between... - 4mm and + 7mm	59001 59051 59801 07063-51 07063-61	07072-32	00	•
 Wooden and PVC Door Strikes • Special L- shape and top fixing screw position enabling cantilevered installation on profiles ... with 14 to 24mm overlap.	59001 59051 59801 07063-51 07063-61	07072-33	00	•

Suggested applications for panic devices

Main Door = A
use only lateral locking points (one or more)

Secondary Door = B
always use only top and bottom locking points.

Independent Door = C
always use only top and bottom locking points.

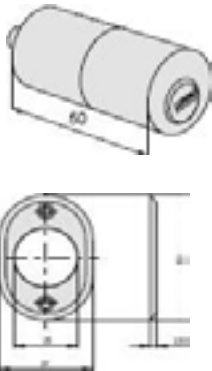


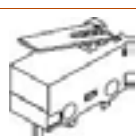


SAFETY FEATURE

Optional Non Removable Key feature by inserting provided pin

When the handle is unlocked the key cannot be removed until the handle is locked again.

TYPE	DESCRIPTION	FOR ITEM SERIES	Colour	CODE	Size	Finish	Price
 GREY	- Painted Plate and Handles - Handle disabled by key - Cylinder – 0G304-02-12 - Non removable key feature - Incl. Rotor for 8mm Spindle	59001, 59011, 59016 59801, 59811, 59816 59051, 59061, 59066	Black Grey	07078 07078	38 38	00 97	• •
	Version with low profile.. ..handles - 6mm lower than... ... 07078-38	59001, 59011, 59016 59801, 59811, 59816 59051, 59061, 59066	Black Grey	07078 07078	36 36	00 97	• •
	- Painted Plate and Handles - Handle disabled by key - Cylinder – 0G304-02-12 - Non removable key feature - Incl. Rotor for 8mm Spindle	59001, 59011, 59016 59801, 59811, 59816 59051, 59061, 59066	Black Grey	07078 07078	68 68	00 97	• •
	Turning KNOB version - Painted Plate and Handles - Handle disabled by key - Cylinder – 0G304-02-12 - Non removable key feature - Incl. Rotor for 8mm Spindle	59001, 59011, 59016 59801, 59811, 59816 59051, 59061, 59066	Black Grey	07078 07078	69 69	00 97	• •
	Outside Cylinder - Cylinder for 44mm Door - Escutcheon 06018-25-12 - Includes rotor for Flat Bar For Thicker Doors Longer ext. tubes and screws Standard Tube is 26.5 mm (See page 4.16 for info)	59001 59801 59051 Not suitable for 59016, 59816, 59061 46mm Tube length 66mm Tube length 76mm Tube length	Keyway C2000 G Series C3000 ASTRAL AP3	0G200 0G200 0N210 0A210 0H210 07165 07165 07165	55 55 50 50 50 01 03 04	xx 	• • • • • • • • •

TYPE	DESCRIPTION	FOR ITEM SERIES	Colour	CODE	Size	Finish	Price
	Standard cylinder • Includes rotor for Flat Bar	59001 59801 59051 Not suitable for 59016, 59816, 59061		02550	25	12	•
	Follower and adaptor for....cylinder installation.	02550-25 0G200-55 etc		06198	70		•
	Long Screw Kit for handles - for 07078-36/38 ..and for - for 07078-68/69	<u>Door thickness</u> 80mm to 130mm 100mm to 130mm		06316	04		•
	Microswitch - for 07078-68/69			06195	10		•

Electric Handles for Panic Exit Devices



LOOK AND DESIGN

Compact, minimal design.

EASY TO INSTALL

The electric handle can be installed very quickly and easily.

It is interchangeable with earlier versions and can replace a mechanical handle without modifying the door structure.

The electric handle can be used to remotely control (via an electric button) the opening of doors equipped with panic exit devices with multiple locking points, too.

RELIABILITY

No internal electronic components to prevent operation faults due to water or dust infiltration.

VERSATILITY

The electric handle can be installed on wooden, iron and aluminum doors to match all CISA panic exit devices.

POWER INPUT

Input to the handle via Booster and Booster Plus enables to establish low-voltage connections and ideal operating conditions preventing any problems caused by unsuitable voltage input.



Technical Feature

- Grey Painted Aluminium Alloy Cover.(fin97)
- Nickel-plated steel case
- Non-handed handle
- LED integral with handle body for door..
..status visual indication
- Rated Voltage 12/24V ac/dc
- Operating voltage min. 5V, max 28V

Operation

- Power input activates handle
- Key operated emergency system:
..the key will operate the handle
..removing the key will deactivate the handle

Supplied

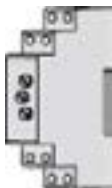
- Wiring system with connector for ..complete connection insulation.
- Cylinder 0G304-02-12
- Power booster 07022-00
- 8/9mm square spindle

Optional

- Electric hold-open device available...
...timer 07022-20

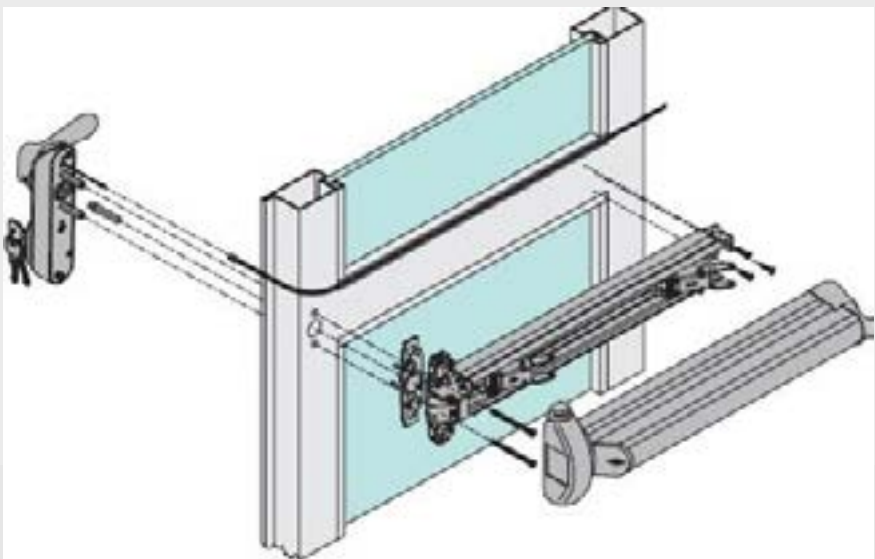
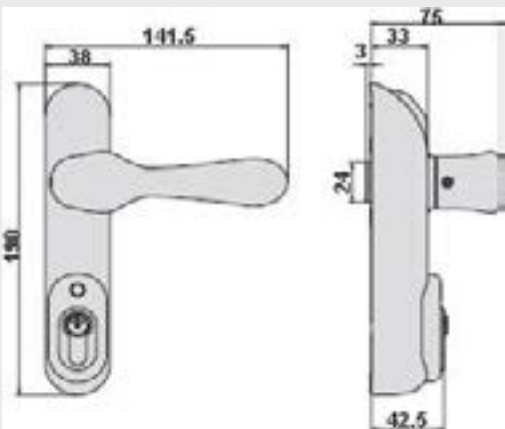


- Suitable for:
59000, 59015, 59800, 59815
and 59050, 59060, 59065
- 8mm Spindle with adaptor for 9mm
- 72mm and 85mm centre distance, with...
..pre-setting for 85mm



- Multi-scale Modular Timer
- One output contact
- Time scale between 1 sec and 10 days
- Operating volatge 12/24 V ac/dc

	Colour	Code		Fin.	Price
	Black	07074	80	00	•
	Grey	07074	80	97	•
		07022	20	00	•





Technical Features

- ☞ To be used with panic exit devices with side latch
- ☞ Zinc plated steel case.
- ☞ Laquered aluminium alloy casing
- ☞ Chrome plated aluminium alloy striker
- ☞ Standard color black, optional grey (code 97)
- ☞ Reversible
- ☞ Fail Secure

12V dc 70 Ohm Continuous Pulse

Black Cover
Grey Cover

Code	Size	Fin.	Hand	Price
07083	16	00		•
07083	16	97		•

Version with TWO Microswitches 24 V dc Continuous Pulse

Black Cover
Grey Cover

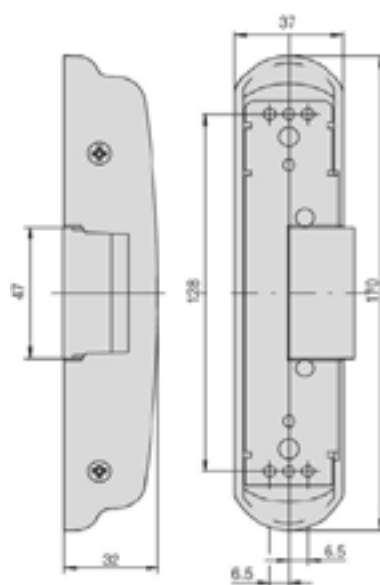
07083	77	00		•
07083	77	97		•

Principal Microswitch

Indicates when the door is open or latch not secure.

Secondary Microswitch

Indicates that the Strike is closed and secure



The range *FAST Touch and FAST Push Mortice versions*



FAST Touch

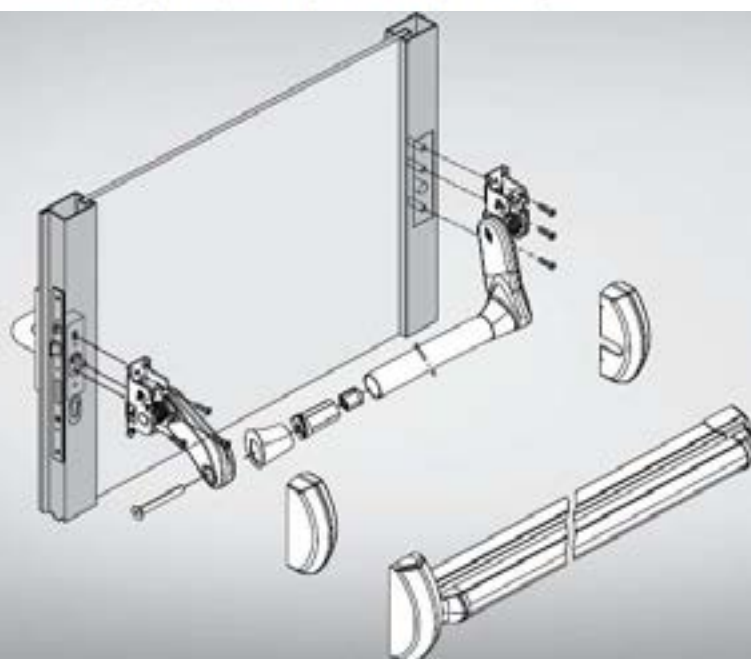


FAST Push



Mortice version panic exit devices.

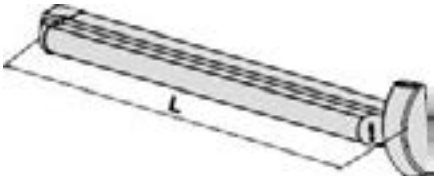
The latest solution available for emergency exit system management. This system combines a panic exit device with a special panic function mortice type lock, with the panic exit device being the only visible element. The result is a complete, certified system combining maximum anti-burglary security with a stylish, beautifully clean design.



FAST PLUS Touch Mortice



**CISA
FAST
PLUS**
ANTIBACTERIAL
PROTECTION

	Colour	Spindle	L	Code	Fin.	Price
 To install with <i>Sicur Panic, Sicurexit, Heavy Duty</i> and <i>Mito Panic</i> series panic function locks for fire doors.	FIRE RATED					
	Black Case, Red Bar	8/9mm	1200 mm	59711-00FR	00	•
	Grey Case, Grey Bar	8/9mm	1200 mm	59711-00FR	97	•
	Stain/S Pvd Case+Bar	8/9mm	1200 mm	59711-00FR	C2	•
	Black Case, Red Bar	8/9mm	840 mm	59711-01FR	00	•
	Grey Case, Grey Bar	8/9mm	840 mm	59711-01FR	97	•
	Stain/S Pvd Case+Bar	8/9mm	840 mm	59711-01FR	C2	•
	Ringed Spindle Included					
			8mm	07085-76		•

FAST PLUS Push Mortice



**CISA
FAST
PLUS**
ANTIBACTERIAL
PROTECTION

	Colour	Spindle	L	Code	Fin.	Price
 To install with <i>Sicur Panic, Sicurexit, Heavy Duty</i> and <i>Mito Panic AND EXITLOCK</i> series panic function locks for fire doors.	FIRE RATED					
	Black Case, Red Bar	8/9mm	1200 mm	59607-10FR	00	•
	Grey Case, Grey Bar	8/9mm	1200 mm	59607-10FR	97	•
	Black Case, Red Bar	8/9mm	840 mm	59607-11FR	00	•
	Grey Case, Grey Bar	8/9mm	840 mm	59607-11FR	97	•
	Ringed Spindle Included					
			8mm	07085-76		

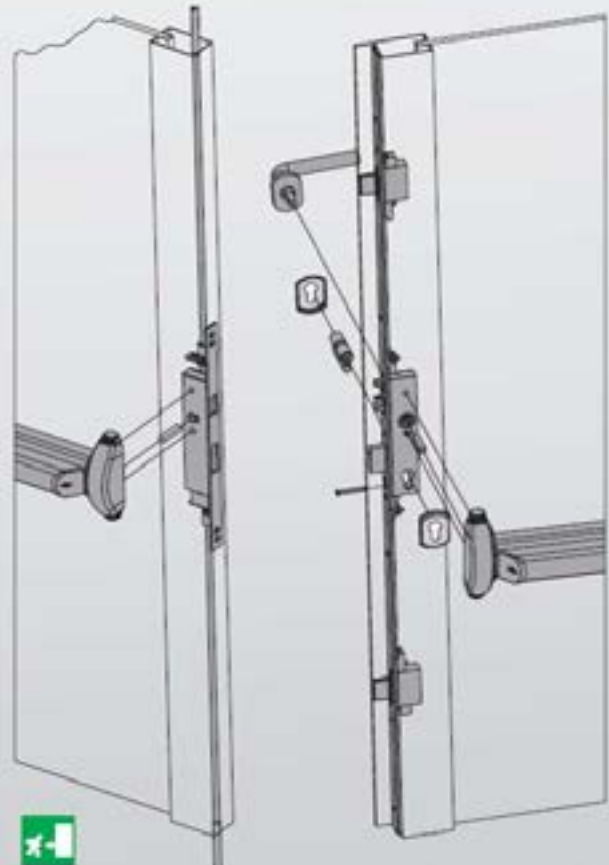
SikurExit: panic function multipoint locks for 1- and 2-leaf aluminum and steel doors

OPERATION

- 3 point locking mechanism for the main leaf and safety lock with top and bottom locking points for the secondary leaf. They can be operated:
- from inside with a panic exit device (EN 1125:2008) or a handle (EN 179:2008)
- from outside on the main door leaf only: opening by key (the handle operates the latch only).

COMPLETE RANGE

- Suitable for installation on 1- and 2-leaf doors *new*.
- Single version for 1- and 2-leaf doors *new*.
- 2 full height faceplates:
 - "FLAT" 24x3 stainless steel 2300 mm height
 - "U" shaped 24x5 stainless steel 2300 mm height.
- Locks with 30/35/40/45 mm backsets *new*.
- Secondary door safety locks available in 30/40/60/75 mm backsets *new*.
- Suitable for installation with panic exit devices Series 59600 or Series Sblock 59710-00/01-0.
- New 1 locking point version.



CERTIFICATION

The materials and technical solutions adopted allow the highest standards to be respected, leading CISA to obtain markings and certifications such as:

- Certified system according to the 89/106/CE DIRECTIVE
Reference standards: EN 1125:2008 panic exit devices
EN 179:2008 emergency exit devices
- Voluntary product certification released by a third party ICIM as provided for by EN 1125:2008 standard for specific CISA panic exit devices
- Voluntary lock certification according to the European Standard EN 12209:2003 prEN 15685:2008




Technical Features

- Zinc Plated Steel Case
- Stainless steel faceplate: 24 x 3mm
- Adjustable latchbolt (11 to 17mm)
- 8mm square spindle
- 20mm Single throw deadbolt
- Nickel plated latch and deadbolt
- Strike 43225STR
- Supplied *without cylinder*

New

- Dead locking latch.
- Adjustable antipicking bolt (9 to 15mm)
- Feeler pin on the deadbolt removable for ...single leaf doors.

Certification

- This lock is certified according to EN 1125:2008 with panic devices 59711 and 59607
- **Category of use grade 3**
Suitable for public buildings
- **Durability grade 7**
- 200 000 cycles 120N load ..
- **Door Weight grade 7**
- over 200kg
- **Fire Resistance grade A**
Suitable for smoke/fire barrier doors according to En1643:3
- **Corrosion Resistance grade 4**
- Extremely high resistance

FOR SINGLE DOORS AND ACTIVE LEAF OF DOUBLE DOORS

Function	C x C	Throws	Type	Backset	Price
A/D	92	1	43225	35	•
B	92	1	43235	35	•
C	92	1	43236	35	•

FUNCTION TYPE B

- Inside
 - Panic exit device to open.
 - Key to close with deadbolt and enable or disable the external handle to control the latch.
- Outside
 - Key to close with deadbolt and enable or disable the external handle to control the latch.

FUNCTION TYPE C

- Inside
 - Panic exit device to open.
 - Key to close with deadbolt and enable or disable the external handle to control the latch.
- Outside
 - Key to close with deadbolt and enable or disable the external handle to control the latch.
 - The external handle remains enabled while the key is in, when the key is removed the handle is disabled

FUNCTION TYPE D

- Inside
 - Panic exit device to open
 - Key to close with deadbolt
- Outside
 - Key to close with deadbolt
 - The handle (when the deadbolt is withdrawn) is enabled to control the latchbolt.


Optional Handles CxC 92mm

Outside **Pull** handle, Inside Lever handle
- for FUNCTION A

Outside Lever Handle, Inside Lever Handle
- for FUNCTION B/C/D

Outside Lever Handle only (use with FAST Panic Device)
- for FUNCTION B/C/D

Fast Panic Devices are recommended for Fire Doors

H28PANIC

•

H28PANICDB

•

H28PANICOH

•


Technical Features

- ☞ Zinc Plated Steel Case
- ☞ Stainless steel faceplate: 24 x 3mm
- ☞ 8mm square spindle
- ☞ Deadbolt feeler pin, 23.5mm stroke
...adjustable by 5.5mm
- ☞ Extended bolt connector adjustable
... from 11 to 29mm from faceplate.

Included

- Top and bottom rods 07088-03
- Dogging device for top bolt 07089-52
- Floor strike 06086-02-12
- Nylon Upper strike 06141-80

Certification

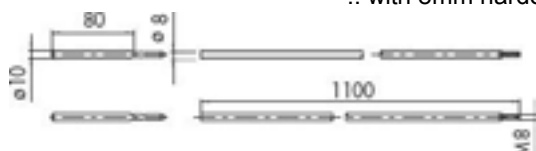
- ☞ This lock is certified according to EN 1125:2008 with panic devices 59711 and 59607
- **Category of use grade 3**
Suitable for public buildings
- **Durability grade 7**
- 200 000 cycles 120N load ..
- **Door Weight grade 7**
- over 200kg
- **Fire Resistance grade A**
Suitable for smoke/fire barrier doors according to En1643:3
- **Corrosion Resistance grade 4**
- Extremely high resistance

FOR DOUBLE DOORS – SECONDARY LEAF

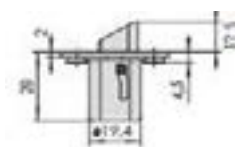
Function	C x C	Throws	Type	Backset	Price
			43295	30	•

FUNCTION

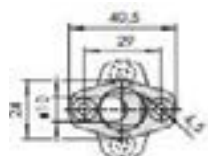
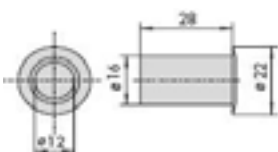
- To Open from Inside
 - Panic exit device to open, pushes the deadbolt and latch of primary door lock 43225 to open both doors.
- To Close
 - Automatically*
 - Top and bottom bolts return automatically when closing, by using the Dogging device 07089-52
 - Manually*
 - Top and Bottom bolts return manually by pressing special button on the face of the lock

SIKUREXIT PANIC FUNCTION LOCKS – ACCESSORIES

Top and bottom extended rods

.. with 8mm hardened steel locking points


Dogging Device

Includes upper strike 06141-80
Includes spacer 06141-81


Floor striker with dust cover – Brass


Type	Size	Price
07088	03	•
07089	52	•
06086	02	•



Technical Feature

- Grey Painted Aluminium Alloy Cover.(fin97)
- Nickel-plated steel case
- Non-handed handle
- LED integral with handle body for door..
..status visual indication
- Rated Voltage 12/24V ac/dc
- Operating voltage min. 5V, max 28V

Operation

- Power input activates handle
- Key operated emergency system:
..the key will operate the handle
..removing the key will deactivate the handle

Supplied

- Wiring system with connector for
..complete connection insulation.
- Cylinder 0G304-02-12
- Power booster 07022-00
- 8/9mm square spindle

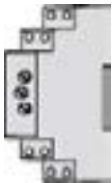
Optional

- Electric hold-open device available...
...timer 07022-20

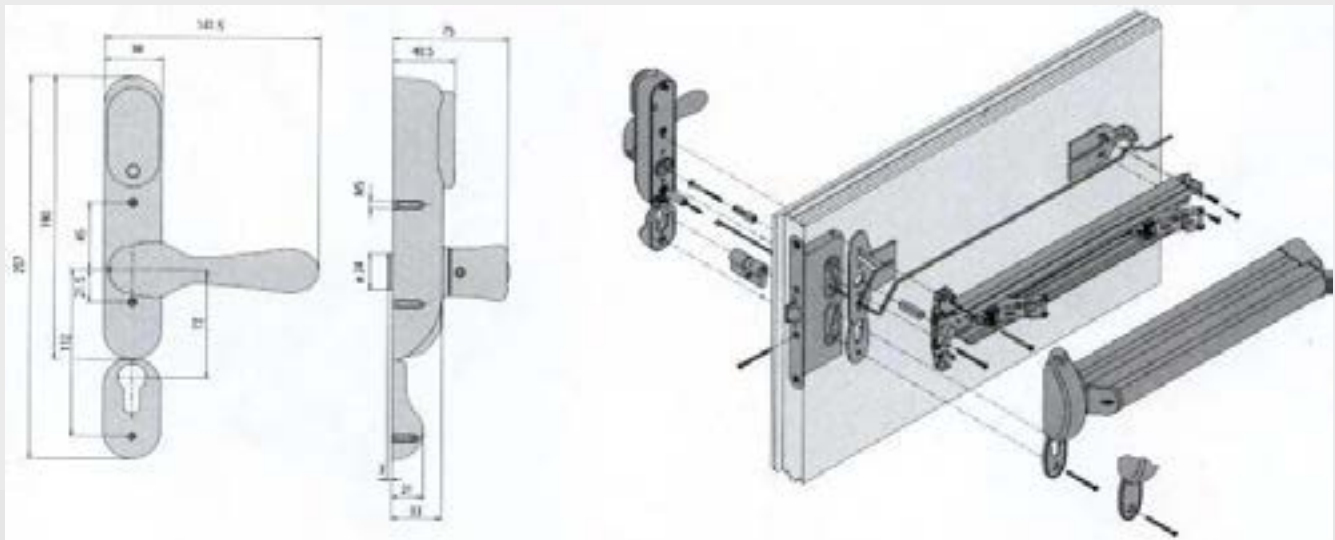


- Suitable for locks with 92mm CxC:
43225, 43235, 43236
and used with 59711, 59607 Fast Panic devices
- 8mm Spindle with adaptor for 9mm

Colour	Code		Fin.	Price
Black	07074	71	00	•
Grey	07074	71	97	•
	07022	20	00	•



- Multi-scale Modular Timer
- One output contact
- Time scale between 1 sec and 10 days
- Operating volatge 12/24 V ac/dc





MORTICE LOCK FOR FIRE DOORS

MITOPANIC



Main Features

SECURITY and SAFETY

- Available lock with only latch and lock with dead-bolt and latch to improve the resistance of the burglary from the outside. Locks compatible with panic exit device series 59711 and 59600

SUITABILITY

- locks no-handed and compatible for installation on single and double doors



CE CERTIFICATION & MARKING

- The adopted technical solutions and the materials used guarantee compliance with the strictest regulation requirements. This has enabled CISA to obtain marks and certificates including:
 - CE mark according to the 89/106/CE Directive.Reference standards:
 - UNI EN 1125: panic exit devices;
 - UNI EN 179: emergency exit devices;
 - UNI EN 12209: fire resistant door devices;- Voluntary product certification issued by ICIM third-party certifying body according to the UNI EN 1125 standards for specific CISA panic device.

Technical features

- Steel zinc plated face plate
- Steel latch zinc plated
- 9 mm follower

Hand

0 = Non-anded

On request

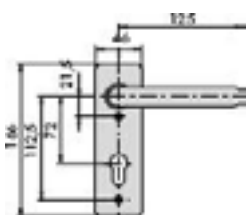
- European profile cylinder

MITO FIRE DOOR PANIC LOCKS



	C x C	Backset	Faceplate	Type	Backset	Price
 Latch only (72mm center to centre) - Operation:- - Inside: panic exit device and or key - Outside: the key activates handle and ...withdraws latch - Handle withdraws latch only if activated by key - Strike 07073-20	72	65	24	43110	65	•
	72	65	24	43120	65	•
				07076	16	•

MITO FIRE DOOR LOCKS

	C x C	Backset	Faceplate	Type	Backset	Price
 Latch and Deadbolt (72mm centre to centre) 15mm throw - Operation:- - Latch withdrawn by key and handle - Dead bolt withdrawn by key - Strike 07073-20	72	65	24	43020	65	•
 Pair Outside Black Plastic Handle Includes Male female fixing screws				07070	16	•

**Characteristics.**

- Non handed
- Can be installed in doors not exceeding 200kg,...
...2500mm high, and 1300mm wide

Function.

- with Hold Open Function activated both inside and outside handles
.....operate freely.
- Turn OFF the Hold Open Function by turning the key.
 - Now only the inside handle is activated
 - When the lock is powered the outside handle will operate.

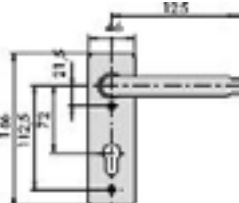
Electric Data

- 12V dc 800mA
- Minimum voltage required at the lock is 8Volts.
- Opening can be done with timer and booster.

Operation

- Inside by Fast 59711 or 59607 Fire Panic Devices.
- Outside by handles 07076-16



	Throws	Type	Backset	Price
   				
Mito Lock Includes: Strike 07073-20 • Installation instructions • Supplied without cylinder See Transformers on page 4.13		13110	65S	•
Outside Black Plastic Handle Includes • Male female fixing screws • Split Spindle		07076	16	•
Multi-scale Modular Timer • One output contact • Time scale between 1 sec and 10 days • Operating volatge 12/24 V ac/dc		07022	20	•
Booster for use with Timer • To adapt 12Vdc - 24Vdc - 24Vac • To reduce power absorption Booster in case of insufficient power		07022	00	•



HOSPITALITY



CISA **e**SIGNO *contactless lock.*

Technology, design and simplicity all in one solution

CISA hotel solutions.



CISA eSIGNO contactless lock

The new generation of electronic locks which require no wiring on the door. They can be configured as standalone units (offline) or as part of a wireless network (online).



Contactless security card

When the card is held up to the lock it opens the door granting access to the guest's room and/or other areas. Contactless security cards are programmed via a special encoder utilising an encryption system based on standard algorithms (DES, AES), which creates cards which cannot be cloned or duplicated.



Electronic cylinder

The contactless electronic cylinder allows hotels to quickly and easily upgrade from mechanically operated locks to electronic access control, granting access rights using cards or other electronic credentials. It can be integrated into any previously installed system and easily replaces European profile mechanical cylinders. The CISA electronic cylinder is also available in the IP66 version for outdoor installations.



Wall reader

In hotel communal areas (e.g. fitness and health centres, conference rooms, garages, internal gardens) electronic locks or other electrical devices (e.g. automatic barriers, electric gates, magnets) can be used to restrict access. These devices are activated by special wall-mounted readers. The door is opened by holding the card up to the reader (contactless technology), which emits an electric impulse. CISA readers can be configured offline or online and are also suitable for outdoor use.



Encoder

The CISA encoder is used to programme the security cards. It can be connected to a PC or used as a standalone unit, giving additional flexibility to the encoding system and making it more resistant to computer viruses. The encoder is portable and, therefore, a highly versatile device. Several encoders can be used in the same hotel to ensure reception runs as smoothly as possible.



Energy saver

When the security card is inserted in the lit cardholder it switches on the electric power in the room. This prevents unnecessary energy wastage when the guest is out of the room.



Smart Software

CISA Smart Software is a software package which makes the CISA eSIGNO system quick and easy to manage. Compatible with Microsoft Windows XP, Vista 7.



Wireless coordinator and wireless control unit

The wireless coordinator is used to communicate with the CISA eSIGNO wireless locks. The coordinator is controlled by the wireless control unit which manages the connection between the central station and the CISA eSIGNO wireless locks.



Mechanical panic lock

The mechanical panic mortice lock is the closing element controlled by the electronic unit. It provides hotel guests with greater security, protection and comfort compared to solutions with electric strike. The locks are EN179 certified.



Mechanical override

This ensures prompt, non-invasive access to the room, guaranteeing maximum protection for hotel guests and preventing damage to the door or lock.



CISA **eSIGNO** *contactless lock.*

CISA eSIGNO is the new CISA electronic contactless lock and the latest addition to Ingersoll Rand's range of security solutions specially designed for the hospitality industry. With an elegant, compact design that forms the ultimate fusion of technology and user-friendliness, CISA eSIGNO has been created to deliver complete and efficient solutions that meet the specific needs of all hotels- from large chains to family-run businesses. CISA eSIGNO requires no wiring, making it easier to install. Its design features also make it simple to install when replacing existing systems (even with work in progress). Visit www.cisahotels.com to learn more about the special features of CISA eSIGNO



The very best in hotel security.

Design

CISA eSIGNO combines the most innovative, superior Italian design with advanced security features. Its elegant, compact model meets all mechanical and aesthetical needs, blending in perfectly with the style of every location.

Non-invasive installation

CISA eSIGNO requires no invasive work on the door and no wiring, making it easy to install and to upgrade existing systems. It can be integrated with previously installed CISA contactless locks and electronic cylinders. The handle is normally placed in the neutral position, minimising damage caused by improper use.

Battery powered

CISA eSIGNO is powered by standard, off-the-shelf batteries which guarantee long life and ensure the lock remains fully functional even in the event of a power failure.

Contactless technology

CISA eSIGNO allows the door to be opened intuitively by simply holding the card up to the reader. This technology eliminates friction, contact and, as a result, wear and tear to parts.

Wireless

CISA eSIGNO is also available in the wireless version taking access control to a more advanced level. In wireless mode, CISA eSIGNO can be configured to communicate with a remote system, giving constant control over locks and making it even easier to reprogramme and delete cards. No wiring is required on the doors or in the room.

NFC

CISA eSIGNO is compatible with NFC – Near Field Communication – technology.

Do not disturb

CISA eSIGNO is fitted with a LED “Do not disturb” signal advising staff whether guests are present in their rooms.

Installation service

The installation service is designed for customers looking for “turnkey” solutions. CISA engineers set up the entire system, from installation to configuration, with maximum professionalism.

Technical assistance

In addition to the warranty required by law, CISA offers modular service solutions. A CISA service contract guarantees the best possible maintenance of the security system with periodic check-ups and rapid emergency response provided when required.

For more information visit the website www.cisahotels.com



CISA eSIGNO technical features.



Classic handle.

RTD lever.

Complies with standard EN179



Polished silver



Satin silver



Polished gold



Satin gold

Encoding system

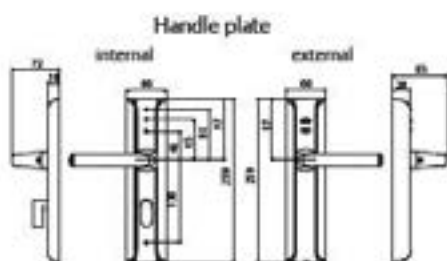
- Smart software on PC
- Multi-standard encoder (Mifare ISO 14443A, ISO 14443B, NFC ready) which operates independently of the software.

Specifications

- NFC compatible contactless lock
- IP 55 protection rating (in the outdoor installation version)
- Multi-standard reader for contactless cards Mifare ISO 14443A, ISO 14443B NFC ready
- Wireless option (2.4 GHz Zigbee)
- Audit trail of 500 events
- Up to 60 auto-programmable timetables
- Batteries: 3 AAA batteries lasting 30,000 cycles
- Compatible with 8 mm and 9 mm square spindle locks
- Mechanical override cylinder (European profile)
- Standard and RTD lever
- Operating temperature: from -10°C to 70°C
- CE marking
- Compatible with products which comply with standards EN1634 Parts 1 & 2, EN179 and EN12209.

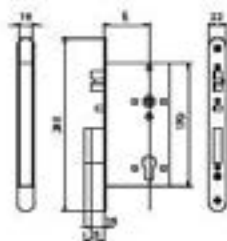
Finishes

CISA eSIGNO handle plates are available in 4 finishes: satin silver, polished silver, satin gold and polished gold. Handles for other rooms (e.g. bathrooms) will soon be available to coordinate with the electronic lock plate.

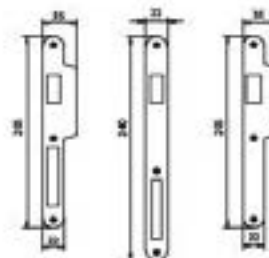


Handle plate

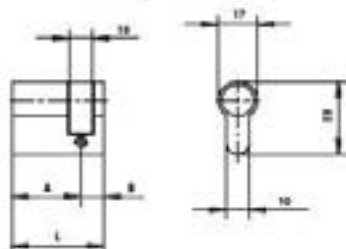
5A502, 5A512 lock series



Strike plate



Cylinder



Installation



Technical drawings
all measurements are in mm.





CISA eSIGNO *Safe.*

Security, technology and design for hotels.



www.cisa.co.za



INDEX



Why you should choose the CISA eSIGNO safe.

- ✓ **Laser cut**, for greater attack resistance;
- ✓ **Easy to use**, the clearly visible keypad and display guide the user in the simple operations;
- ✓ **Audit trail**, stores the previous 300 events and downloads them onto an SD card which can be read without needing hardware or dedicated printers;
- ✓ **Emergency mechanical override**, safe can be opened with a mechanical override key (C2000 or AP3);
- ✓ **"Master code" staff opening**: allows authorised staff to open the safe when guests forget the code;
- ✓ **90° door opening** designed to hold a 14" laptop computer;
- ✓ **Automatic interior LED lighting**;
- ✓ **Motorised lock** with low power consumption (4000 open-close cycles) for automatic door opening;
- ✓ **ADA-compliant keypad**, (Americans with Disabilities Act) to help blind guests.



Technical data

Dimensions

- Outside H/W/D (mm): 190x430x350
- Inside H/W/D (mm): 185x425x295
- Volume (dm³): 23
- Weight (kg): 12
- Wall thickness (mm): 1.5
- Door thickness (mm): 5

Finishes

- Standard: Graphite (RAL 7015)
- Upon request: Silicon grey (RAL 7032)

Standard

- 4 x AARL6 batteries supplied (4000 open-close cycles)
- Inside carpet

Upon request

- Internal power socket
- Left hand opening
- CISA AP3 patented emergency key

	Code	Size	Finish	Price
eSIGNO safe • 190x430x350mm • Graphite • Audit Trail Optional for import - power cable, LH door, colour Silicon grey	A0L02	01	93	•



ACCESS CONTROL

CISA Elettrika

PATENTED SECURITY AND RELIABILITY

- Rotary hook dead-bolt for a pull resistance of up to 2,000 Kg; up to six times that of standard locks
- Protective steel case preventing accessibility to the lock's internal components, the electrical connection and the fixing screws, when the gate is closed
- Elettrika guarantees constancy of operation for more than 1,000,000 opening cycles. The ability to endure at least 200,000 opening and closing cycles is one of the requirements specified by the European standard EN 12209 to obtain relevant certification

COMFORT AND DESIGN

- The reloading system of Elettrika ensures silent opening and closing operation as there is no need to slam the gate closed as is the case with other standard locks
- The rotary hook dead-bolt allows to reduce the gate rebound effect during closing, typical of other standard electrically operated locks
- Elettrika perfectly matches any type of door or gate shape and style



CISA Elettrika

MAXIMUM FLEXIBILITY

Elettrika can be installed on all types of doors and gates with maximum flexibility:

- non handed: it can be easily adapted to suit either right or left opening doors (fig. 2), with just one simple operation (patented system)
- variable backset from 50 to 80 mm (fig. 2) (patented system)
- self-adjusting striker (fig. 3) active both vertically (gate uprights) and horizontally (variable distance between gate leaf and gate frame) (patented system).

The rotary hook dead-bolt of Elettrika can be operated in two different modes (patented system):

- automatic opening: the door is opened by the deadbolt rotation
- ready to open: the deadbolt is released but the door remains closed; you must push to open it. The operation mode is selected by acting directly on the lock.

Elettrika is interchangeable with all types of electrically operated locks found on the market (fig. 1).

This interchangeability is possible because the screw holes are positioned to match other electrically operated locks (see the red dotted lines in the figure below).



Elettrika

The range



Technical features

- Protective steel casing
- Rotary hook dead-bolt in extruded aluminium
- Metal striker with STAINLESS steel "swinging rod"
- Coated internal components
- Power supply: 12V a.c. CE
- Absorbed current: 3A

Operation

- From outside with a key
- From inside with a push-button or a key plus electric remote control

Supplied as standard

- Striker
- Single or double cylinder
- Fixing screws
- Fixing plates (if required)
- 2 spacers for the striker
- Instruction sheet
- 3 keys item 1.01070.10.1

Hand

- Non handed

Finishes

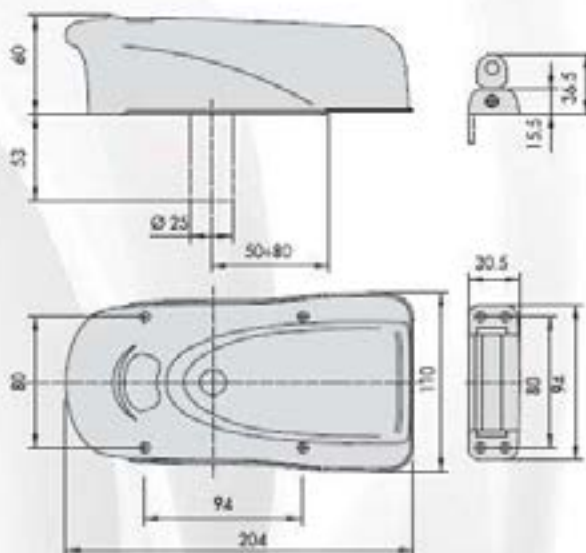
- Zinc coated epoxy powder paint in grey

Standards

- Certified to EN 14846:08: Grade 6 Security (2,000 Kg lateral force)

Optional accessories

- BOOSTER PLUS item 1.07022.10.0
- BOOSTER item 1.07022.00.0
- COIL for BTicino systems item 1.07025.10.0
- MICROSWITCH item 1.07023.00.0
- Protective casing for external cylinder item 1.07056.00.0
- Spacers for striker item 1.07021.01
- Spacers for long lipped striker item 1.07021.11.0
- Indicator light kit item 1.07126.01.0





- Supplied with;
- Patented Heavy duty 4mm thick U channel and strike plates
- Steel Rose Protector weld on box
- Withstands push/pull force of 2000kg



Locks without **Button**
are suitable for
Outward opening
gates.

VERSION FITTED WITH BITCINO COIL – 07025-10



07025-10

- Power to the lock is cut when unlocked.
- Stops coil overheating when using 12V dc on low traffic doors
- Extra door status connection for LED at Button

Code	Coil	Hand	Price
1A721CB	BT	50-80	•
1A731CB	BT	50-80	•
1A721CB	BT-PB	50-80	•
1A731CB	BT-PB	50-80	•

LOW TRAFFIC & RESIDENTIAL GATES, using 12V dc power supply ALL GATES, using 12V ac power supply

1A721



Inside cylinder only

- Fitted with Bticino coil 07025-10

Inner Cylinder & Push Button

- Inside cylinder blocks push button
- Hold open device
- Fitted with Bticino coil 07025-10

HIGH TRAFFIC DOORS USING 12V DC OR 24 V AC/DC POWER SUPPLY

1A731



Inside cylinder only

- For Gates with 12v dc & /24 v ac/dc power
- Fitted with 07022-00 Power Booster

Inner Cylinder & Push Button

- For Gates with 12/24 v ac/dc power
- Fitted with 07022-00 Power Booster

LOAD SHEDDING – REPLACEMENT FOR MAGNETIC LOCKS

Using a 12vdc 7Amp Hour Backup Battery:

The user can open the lock 5040 times for periods of 5 Seconds, before recharging the battery.

NEW

DOOR REMAINS CLOSED, BUT UNLOCKED WHEN POWERED
RE-LOCKS WHEN POWER IS CUT OR DOOR IS MANUALLY CLOSED
FAIL SECURE – REMAINS LOCKED DURING LOAD SHEDDING



Inside cylinder only

- Fitted with 07022-00 Power Booster
- Fitted with AC Coil 07025-00
- For Gates with 12/24 v ac/dc power



Inner Cylinder & Push Button

- Fitted with 07022-00 Power Booster
- Fitted with AC Coil 07025-00
- For Gates with 12/24 v ac/dc power

Code	Coil	Hand	Price
1A721CBM	PB	50-80	•
1A731CBM	PB	50-80	•

ELETTRIKA - ANTI CROW BAR TESTED - FOR STEEL GATES



SELF LOCKING VERSION – Fitted with 07022-10 Power Booster Plus

Timing

- The lock is set to keep the door closed and unlocked when powered, and not to swing open.
- It remains unlocked for the set time delay before re-locking..
- Alternative time delay of :10 sec, 30 sec, 60 sec, 120 sec, 180 sec
- If the door is pulled open, it will lock when closed

Door Status

- The lock provides an output signal when the door is unlocked
- The signal can be connected to LED or Alarm system

Electric Hold Open Function

- By using a key/switch to power the lock continually, keeps it unlocked even after closing
- Switching off the power the lock reverts to locked status



Inside Cylinder only

- Fitted with 07022-10 Power Booster Plus for 12/24V ac/dc



Inner Cylinder & Push Button

- Fitted with 07022-10 Power Booster Plus for 12/24V ac/dc

Code	Coil	Hand	Price
1A721CB	PC	50-80	•
1A731CB	PC	50-80	•

ELETTRIKA - STANDARD - INWARD OPENING STEEL GATES



VERSION FOR STEEL GATES – AC power only



AC Version
12v AC 1.5 amp

Inner Cylinder & Push Button

- Inside cylinder blocks push button
- Hold open device
- Includes standard back plate

NOT CROW BAR TESTED. AVOID USING WHERE LOCK CAN BE ATTACKED WITH A HAMMER OR CROWBAR.

Code	Coil	Hand	Price
1A731	AC	50-80	•

ELETTRIKA – STANDARD - FOR WOODEN DOORS



VERSION FITTED WITH 12v AC COIL – 07025-00



Inner Push Button

- Cylinder OG500



Inner Cylinder & Push Button

- Inside cylinder blocks push button
- Hold open device

Code	Coil	Hand	Price
1A610	AC	50-80	•
1A630	AC	50-80	•



ELETTRIKA SPARES

ELETTRIKA COVERS -1A721 &1A731		Suffix COVER "79" WH BR BL	Surcharge when supplied with lock:ADD		
	Zinc Plated White Brown Black		•		•
	☛ AC COIL 12V ac 1.5amp	07025	00		•
	☛ COIL FOR USE WITH BTICINO PHONES When powered the lock opens and the... ...power to the coil is cut.	07025	10		•
	BOOSTER PLUS ☛ Electric Hold Open ☛ Opening Command timing (5 settings) ☛ State of Door Signal ☛ Input when power reduced. ☛ Voltage Adaptor (when other than 12Vac)	07022	10		•
	☛ BOOSTER ☛ To adapt 12Vdc - 24Vdc - 24Vac ☛ To reduce power absorption Booster in case of insufficient power	07022	00		•
	MICROSWITCH FOR AUTOMATIC GATES ☛ Installed directly on Elettrika Lock ☛ Provides contact to open gate ... as well as other functions: eg lights	07023	00		•





CISA

Gate
always closed
and under control

90
1928
2018

First installation

When installing the CISA gate closer for the first time, you can:

- Fit the gate closer to double up as the top hinge, using the accessories supplied.
- Use the gate closer paired with a lower hinge fitted with a bearing (not supplied).
- Save the cost of a hinge.



The CISA gate closer is welded to the gate and acts as an opening hinge.

Installation on existing gates

Installing the gate closer on existing gates is quick and easy:

- The CISA gate closer is simply lined up with the existing hinges using the special installation accessories.



Example of installation with sliding arm item 07155-06



Example of installation with standard arm item 07155-05

Technical data sheet



TECHNICAL FEATURES

- Pressure die-cast aluminium case and cover, painted and anti-corrosion treatment (resists more than 500 hours in salt spray)
- Stainless steel adjusters
- Zinc-plated fixing screws
- Zinc-plated steel springs
- Tested for 200,000 opening and closing cycles

Operation

For use on gates up to 1200 mm and weighing a maximum of 55 kg

- Completely mechanical operation with no fluids (operates irrespective of outdoor temperature)
- Adjustable opening / closing force
- Adjustable closing speed
- Possibility of hold-open between 90° and 100°
- Maximum opening of gate 100°
- Courtesy opening function

- Possibility of inverting operation from "gate closer" to "gate opener"

Supplied as standard

- Zinc-plated adjustable corner mounting plate item 1.07155.01.0
- Fixing screws
- Instruction sheet

On request

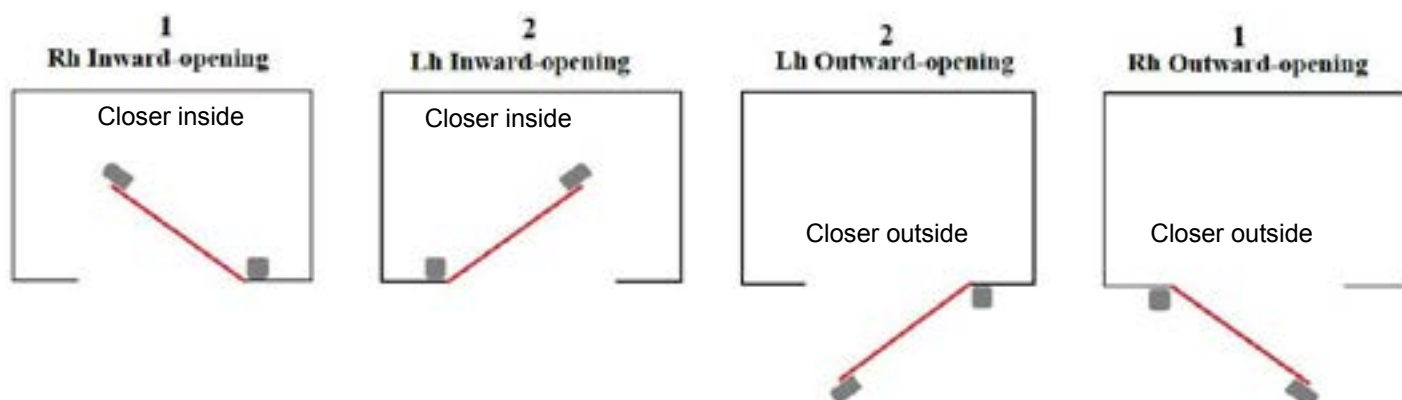
- Plates for installation on different kinds of gates items 1.07155.02.0, 1.07155.03.0

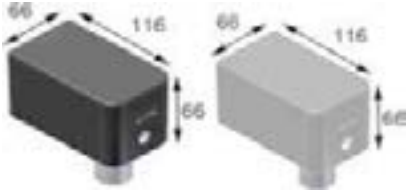
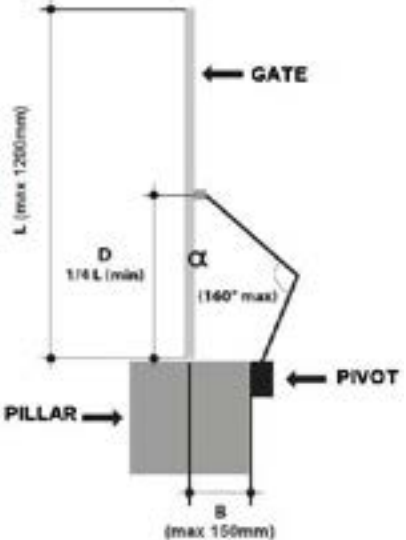
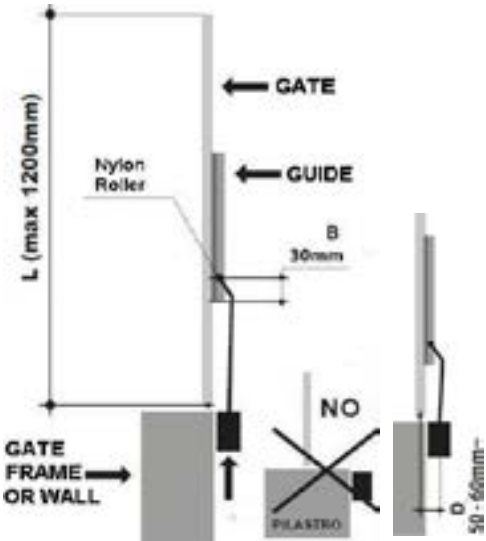
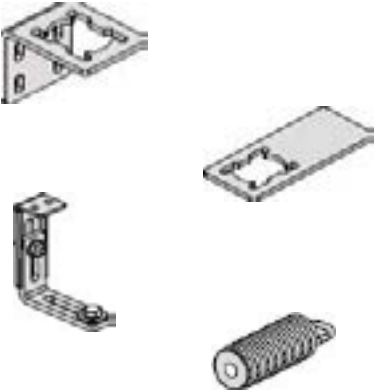
Finishes

- Black
- Silver grey

SYSTEM PATENT NO. A000790, 2013

Closer Hand Determination



ITEM	DESCRIPTION	CODE	Dim.	Hand	FIN.	Price
	Gate Closer with central pivot hinges Including: • 07155-01 Corner plate	Black C1310 Black C1310	01 01	1 2	00 00	• •
	Preset for specified hand – no fuss	Grey C1310 Grey C1310	01 01	1 2	97 97	• •
	Standard					
	Gate Closer with Standard Arm Including: • 07155-01 Corner plate • 07155-05 Stainless Steel arm 	Black C1310 Black C1310 Grey C1310 Grey C1310	05 05 05 05	1 2 1 2	00 00 97 97	• • • •
	- Preset for specified hand – no fuss					
	- Distance from Pivot to Gate is 150mm					
	Arm Only	07155	05			•
	Gate Closer with Slide Arm Including: • 07155-01 Corner plate • 07155-06 Aluminium slide channel 	Black C1310 Black C1310 Grey C1310 Grey C1310	06 06 06 06	1 2 1 2	00 00 97 97	• • • •
	- Preset for specified hand – no fuss					
	- Distance from Pivot to Gate is 50-60mm					
	Slide Arm Only	07155	06			•
	Corner Plate Supplied as standard with closers	07155	01			•
	Flat Plate For special applications	07155	02			•
	Retrofit Plate Used on gates with pivot hinges	07155	03			•
	Kit of Springs for 70kg Gates	07156	03			•

ELECTRIC LOCKS

Technological evolution in the security sector is a precise reality : **CISA** now presents a new range of electric locks for the millennium. A synthesis of sophisticated technology and modern design, destined to become the new point of reference in the sector. Their **reliability** and complete practicality make every model in the new series the surest answer to every installation problem. A new generation of electric locks that further proves **CISA's** constant commitment towards greater security for the present and future.

**CISA
RELIABILITY**



Latch Protection:

When the door is closed, a patented deadlocking device makes it impossible for burglars to open the door by drawing back the latch

Adjustable Closing Pressure:

The removable copper-plated pin allows for adjustment of the pressure applied by the reloading-pin spring to suit door weight. This should only be performed on doors that are not vulnerable to attack.

Release with Low Voltage - New Patented adjustable Coil:

The coil assembly ensures efficient lock functioning even when voltage is low, hence eliminating the problems deriving from drops in voltage on the electrical system. Tested at 4V a.c.



Quick Wiring:

A new type of terminal board allows for quick coupling of the electrical cables, doing away with traditional screw terminals.

Pick-Resistant:

The insertion of a protective barrier between the release armature and cable-hole area defies any attempt to illicitly open the lock.

Stronger:

Certain constructional features ensure greater resistance of the latch shank to impact and side pressure due to rebound when the door or gate is closed.

ADDING TO THE SECURITY OF CISA ELECTRIC RIM LOCKS.

Patented "U" Channel bracket and cylinder Protector Rose included with all CISA rim locks.



Patented "U" Channel Bracket

- Each "U" channel bracket has precut push-out holes for easy cylinder installation
- Small precut push-out holes to enable cable installation through the gate tube.
- Zinc Plated – 13 microns
- 4mm Steel Plate - Assists in resisting Crow Bar Attacks
- High tensile grade socket head cap screws
- Protects the lock from attack from top and bottom



07056 Cylinder Protector Rose

- Weld on outside to prevent attack on the cylinder
- Zinc Plated – 8 microns

RIM ELECTRIC LOCKS FOR GATES

Zinc plated case and dead locking latch - 12V a.c.

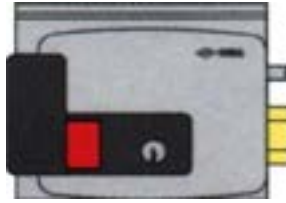
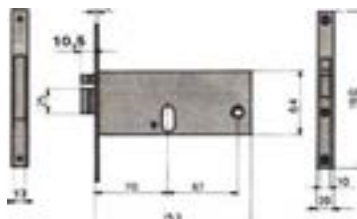
	Operation	Code	Backset	RH	LH	Price
INWARD OPENING STEEL GATES						
 ☛ Inside Cylinder • Patented U Channel • Cylinder 02139 • Striker 07018-00-1/2 ☛ Inside Push-Button & Cylinder • Patented U Channel • Hold Open Device • Cylinder 02110 • Striker 07018-00-1/2	By key inside By key outside By remote	11721	60	1	2	•
	By button inside By key outside By remote Button activated ..by key inside	11731	60	1	2	•
OUTWARD OPENING STEEL GATES						
 ☛ Inside Cylinder • Cylinder 02139 • Striker Set 07018-10-3/4 • Patented U Channel ☛ Inside Push-Button & Cylinder • Hold Open Device • Cylinder 02110 • Striker Set 07018-10-3/4 • Patented U Channel	By key inside By key outside By remote	11921	60	3	4	•
	By button inside By key outside By remote Button activated ..by key inside	11931	60	3	4	•
 ☛ For Motorised & Tilting Gates • Inside Cylinder • Protective Back Plate 07061 • Cylinder 02142 • Striker 07058	By key inside By key outside By remote	11823	80	1	2	•
INWARD OPENING WOODEN DOORS						
 ☛ Inside Push-Button ONLY • Outside Cylinder 02502 • Striker 07017-10-1/2 ☛ Inside Push-Button & Cylinder • Hold Open Device • Cylinder Set 02104 • Striker 07017-10-1/2	By button inside By key outside By remote	11610	60	1	2	•
	By button inside By key outside By remote Button activated ..by key inside	11630	60	1	2	•

Diagram to determine door hand



MORTICE ELECTRIC LOCKS FOR ALUMINIUM DOORS

Mid rail type - zinc plated - dead locking latch - 12V a.c.



👉 Hold Open Device

- 64 mm Case Height
- Can Take Handle Inside
- Cylinder 08210-02-12
- Striker 06287-29
- Optional 24V coil 07086-01
- Optional push button 06110.10

- By handle...
 - ...inside
- By key
- By remote
- By optional...
 - ...button inside

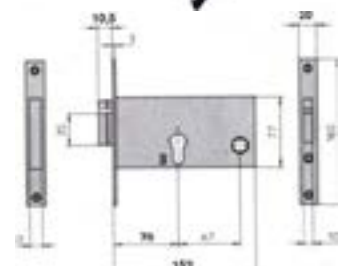
14511

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1



👉 **Hold Open Device**

- Can Take Handle Inside
- 77 mm Case Height
- Cylinder 08545-05-12
- Striker 06287-29
- Optional 24V coil 07086-01
- Optional push button 06110.10

Optional brass rebate kit

- Brass
- Nickle plated

- By handle...
 - ...inside
- By key
- By remote
- By optional...
 - ...button inside

14351

70

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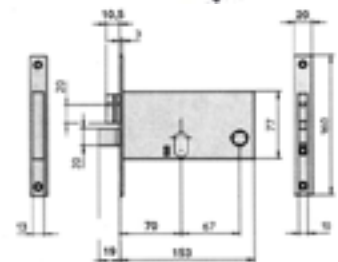
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143RB
143RN

12

1

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👉 Double Throw Dead-Bolt ..& Latch

- Can Take Handle Inside
- 77 mm Case Height
- Cylinder 08210-02-12
- Striker 06277-32
- Optional 24V coil 07086-01
- Optional push button 06110.10

- By handle...
 - ...inside
- By key
- By remote
- By optional...
 - ...button inside
- Bolt by key only

14461

70

0

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●

MORTICE ELECTRIC LOCKS

Zinc plated body - 12V a.c.



- ☛ Stainless Steel Faceplate
- ☛ **10.5 to 16.5mm adjustable**
- ..latch and loading pin**
- Suitable for uPVC, Aluminium
- ..and other Metal Doors
- Nylon rose Item 06012-01
- Stainless Strike 06461-06
- **Cylinder 0G300-07-12**
- Optional 24V coil 07086-01
- Current absorption 3.1amp
- Optional stainless cylinder..
-protective rose 06460
- ☛ Optional Striker 06462-01
- ☛ Optional push button 06110.10

Version with....

...Swing Bolt and Latch

- ..with standard swing bolt
- ..with standard swing bolt
- ..with standard swing bolt
- ..with saw resistant bolt.
- ..with standard bolt and
- 3 point locking, including
- Rod Set 06441-10

Version with Latch only

-
-
-

Operation	Code	Backset	RH	LH	Price
By handle..					
...inside					
By key					
By remote					
By optional...					
...button inside					
Bolt by key only					

**For more Lock
information see Sec 5.3
& for handles to match
see Sec 5.14**

16215	25	0	0	•
16215	30	0	0	•
16215	35	0	0	•
16216	25	0	0	•
16225	25	0	0	•
16225	30	0	0	•
16225	35	0	0	•
16205	25	0	0	•
16205	30	0	0	•
16205	35	0	0	•

VERSION FOR WISPECO SERIES 4000 SECTIONS

- ☛ Stainless Steel Adjustable Strike 06463-08-23
- ..with standard swing bolt
- ☛ Stainless Steel Adjustable Strike 06465-02-23
- ..with standard swing bolt

Recommended handles.

- Slimline with outside grip
- ..and inside lever handle on..
- ..extended backplate



H28GH Long

Panic devices for use

.. with 16205 latch version.

- Panic bar
- Panic bar stainless steel

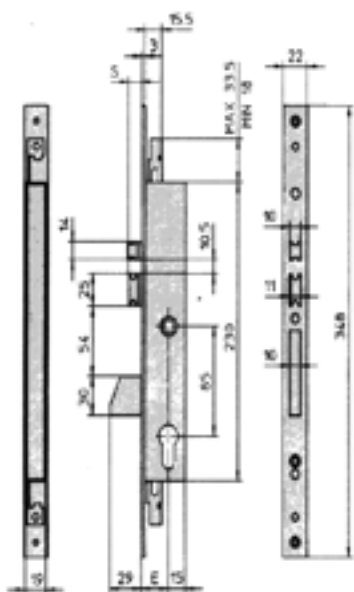


- Touch bar



59607	10			
59607	11			
59711	00			
59711	01			

See Sect.10



MORTICE ELECTRIC LOCKS

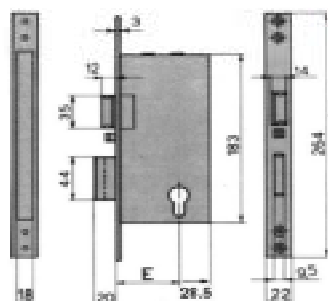
Brass faceplate and striker - 12V a.c.

Installation tools & long drills for wooden doors.
Makes cable hole through the door. See Sec 07.18



Features

- ✓ Double Throw Dead Bolt ...and Latch
- ✓ If required, dead bolt opened ...by key only.
- Cylinder 0G345-05
- Striker 0S218-00 (37 mm)
- Contact Set 06510
- Optional Button 0B110
- Optional 24V coil 07009-01
- Optional Nickel Faceplate



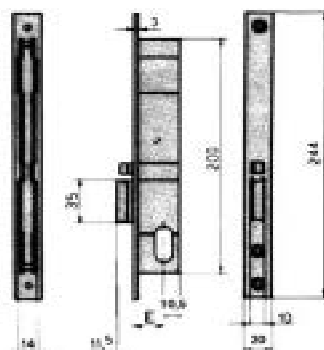
- ✓ **Optional Brass Rebate Kit**
Nickle Plated Version

Operation	Code	Backset	Fin		Price
	12016	40	00		•
Dead bolt and..	12016	40	12		•
latch by remote	12016	50	00		•
By key	12016	50	12		•
By optional...	12016	60	00		•
...button inside	12016	60	12		•
	12016	70	00		•
	12016	70	12		•
	120RB	00			•
	120RN	12			•

Zinc plated - dead locking latch - 12V a.c.

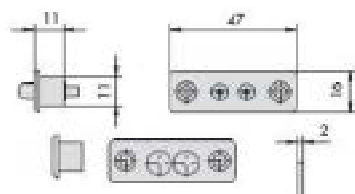
Features

- ✓ Dead locking latch..
- ..suitable for steel pedestrian
- ..gates and metal doors.
- Striker 0S287-29
- Cylinder 0B210-02-12
- Optional 24V coil 07047-01



Operation	Code	Backset	RH	LH	Price
By key	14021	15	1	2	•
By remote	14021	18	1	2	•

Cable Connector for hinge side of door



06510 10

•

MyEVO

Motorized Lock

ACCESS CONTROL

Systems which allow flexible access management, using dedicated personalised codes which can easily be activated and deactivated, so access is granted to different people without the need for keys.

SMART AUTOMATIC CLOSING

Shutting the door automatically activates the system and engages all the deadbolts until it is completely locked.

3 DIFFERENT MODES FOR VERSATILE USE

- **AUTOMATIC**
Just push the door to and it shuts securely: the deadbolts engage on their own.
- **SEMI-AUTOMATIC**
When the door is shut, the deadbolts do not engage so you can open it with the handle.
- **HOLD OPEN**
The door is always open: the latchbolt and deadbolt never engage.



USER-FRIENDLY KEYPAD

Backlit membrane keypads are ergonomic and easy to use. The outside keypad works with numbers while the one inside has a button.

ACOUSTIC AND LIGHT ALARMS

Acoustic and light alarms on the external keypad and the internal button indicate whether the door is shut properly or if there is an anomaly.

SILENT OPERATION

The operating mechanism has been designed to keep noise to an absolute minimum.

CERTIFIED LOCK

Security and operation have been tested in accordance with European standards EN 12209:03 and EN 4846:10.

ACCESS WITH TRADITIONAL KEYS

The lock can be opened mechanically using a traditional key.

CISA CERTIFIED CYLINDERS

We recommend combining the lock with a CISA certified cylinder with protected key for greater security.

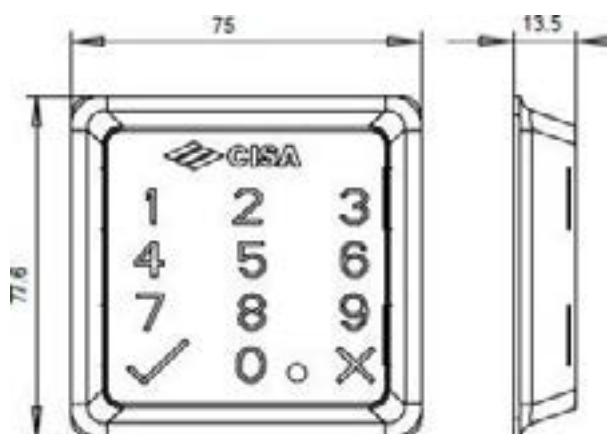
Installation Options



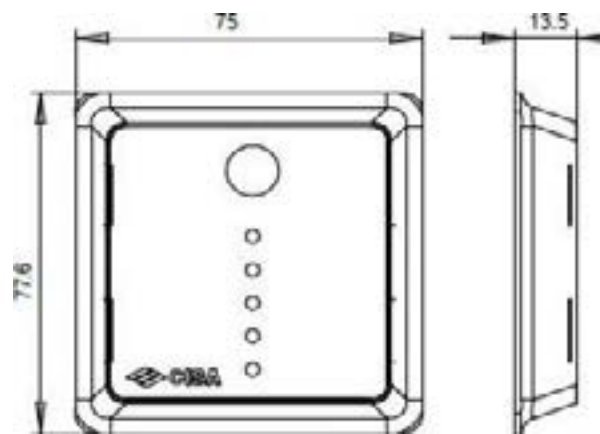
How to Order

	Mains power supply	Power supply with standard batteries	Mains power supply and rechargeable batteries
Necessary items	 E6536-28 lock	 E6536-28 lock	 E6536-28 lock
	 07060-03 power supply 24Vdc		 07060-03 power supply 24Vdc
	 07030-70 power supply cable		
	 06515-00 concealed cable guard with spring		
		 07030-80 battery box	 07030-80 battery box
Accessories to manage the door opening and the lock setting	 06525-50 internal button		
	 06525-70 external keyboard		
Optional items / replacement	 07030-72 opening cable by remote		
	 06515-00 concealed cable guard with spring		
	 06510-50 door status control		

External Keypad



Internal Button



ACCESS SELECTION AND VERSATILITY

- Quick and easy to install.
- Can be positioned where you want.
- Resistive backlit membrane keypad.
- Ergonomic and user-friendly.
- Used to configure operating modes: automatic, semi-automatic or hold open.
- Sound and light signal anomaly.
- Secure encoding system.
- Protective rose in different finishes.

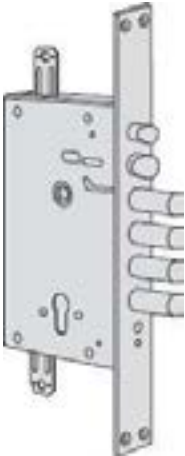
EASY TO OPEN AND CONFIGURE

- Quick and easy to install.
- Can be positioned where you want.
- Ergonomic and user-friendly.
- Used to configure operating modes: automatic, semi-automatic or hold open.
- Light signals anomaly.
- Protective rose in different finishes.

"DOOR STATUS DEVICE" - FUNCTIONALITY AND DESIGN

- CISA patented solution.
- Self-regulating distance between contacts.
- Can be positioned where you want.
- Replaces the conventional cable cover if installed with rechargeable batteries.
- Contacts do not catch when the door is closed.
- Clean, crisp installation with no protrusions.



	Code	Ref	Price
 MORTICE VERSION - Performance engine, certified 200 000 cycles 120N load - Silent - Easy to configure - Secure: certified grade 6 - Always opened with key 24V DC : Battery or by power supply - Includes - 06220-20 Strike plate - 06510-50 Door status device	E6536	28	•
 EXTERNAL KEYPAD - Open door using code selectable from 4-8 digits "Scramble Code" function using up to 12 arbitrary digits preceding the user code - Quickly select mode "Automatic, Semi-automatic, Hold open. - Disable Internal button and remote control - Includes cable	06525	70	•
 INTERNAL BUTTON - Open the door with simple gesture - Quickly select mode "Automatic, Semi-automatic, & Hold open. - Includes cable	06525	50	•
 BATTERY BOX - Small Size: It can be positioned near to the lock - Freedom of Placement: It can be placed on top of the door, or hinge side or lock side. - Simple Battery Replacement: Easily removed to replace batteries. - Common Battery size: 12 standard 1.5V AA, or 12 rechargeable 1.2V AA - NTC System: CPU safely stops the power transmission	07030	80	•
 "DOOR STATUS DEVICE" - CISA patented solution - Self-regulating distance between contacts - Can be positioned where you want - Contacts do not catch when door is closed - Clean, crisp installation with no protrusions.	06510	50	•
CABLES FOR APPLICATIONS Cable for direct power supply 24Vdc	07030	70	•
Cable for remote opening	07030	72	•
POWER SUPPLY 24V dc	07060	03	•

ELECTRIC MORTICE LOCKS FOR ARMOUR PLATED DOORS

		Code	Ref	Price
	FOR MORE INFORMATION SEE Sect 8			
	Electric version • Gear mechanism operated - 12V ac. • Zinc plated case • Deadlocking latch and dead-bolt • Strike plate 06220-20 • Face plate 06221-11 • Supplied without cylinder • Optional transformer 07060	Revolution 15535	28	•
	CISA Revolution PRO	15535	28B	•

RE-KEYABLE - **NEW CAMBIO FACILE** - DOUBLE BITTED, 6 LEVER ELECTRIC LOCKS FOR ARMOUR PLATED DOORS

		Code	Ref	Price
	FOR MORE INFORMATION ABOUT CAMBIO FACILE SEE Sect 8			
	Electric version • Four throw dead-bolt • Three locking points • Inside escutcheon item 06143-00 • Outside escutcheon item 06082-00 • Three keys 00163 • Strike plate 06220-20 • Face plate 06221-10 • Suitable for rim fitting	17685	28	•

"REVOLUTION":

Smooth movement for armour plated doors

When a leading company like **CISA** turns the full focus of its attention to technology, the results are immediately apparent and there for all to see. Just the slightest of pressures and the Revolution key turns without effort, without difficulty and without a hitch, thanks to a sophisticated gear mechanism known as the Effort Reducer. Ensuring exceptional lightness in dead-bolt locking movements, "**REVOLUTION**" has been specifically designed for armour-plated doors, allowing additional dead-bolts to be connected without effecting the effortless with which the key turns in the lock.

REVOLUTION perfectly combines cutting-edge security with supreme lightness of movement.



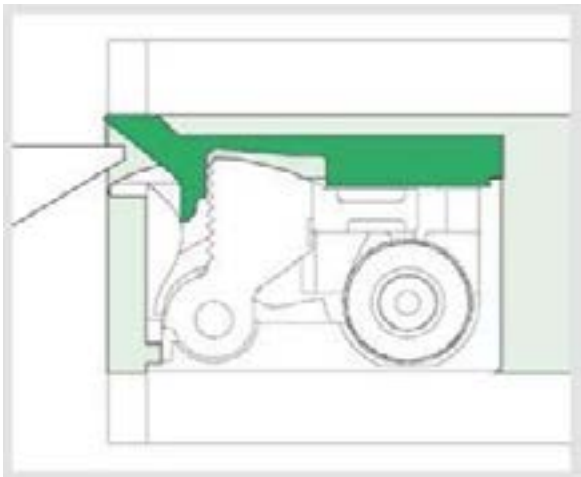
INSTALLATION SPECIFICATIONS FOR ELECTRIC LOCKS.

				Volt	Code	Amp	Price
POWER SUPPLY							
 - Transformer 230V to 12 Vac - 1.5 amp HEAVY DUTY - Transformer 230V to 12 Vac - 3.0 amp HEAVY DUTY				12Vac	TF12PH	1.5	•
				12Vac	TF12P3H	3.15	•
Transformer Recommendation	<i>Distance from lock to transformer.</i>	<i>Cable section in square mm</i>	<i>Transformer</i>				
	✓ 0 to 30 metre.....	1.0 mm ²	TF12P	12Vac	TF12PH	1.5	
	✓ 30 metre +.....	1.0 mm ² +.....	TF12P3	12Vac	TF12P3H	3.0	
	0 to 30 metre.....	less than 1.0 mm ²	TF12P3	12Vac	TF12P3H	3.0	
Cabling Recommendation	<i>Distance from lock to transformer.</i>	<i>Cable section in square mm</i>					
	0 to 50 metre.....	1.0 mm ²					
	50 to 100 metre.....	1.6 mm ²					
	100 to 150 meter.....	2.5 mm ²					
	Over 150 meter.....	4.0 mm ²					
Correct cabling will ensure no power drop over long distances.							
Direct Current "dc" transformers	If a 12Vdc or 24Vdc transformer is used it is imperative to install a CISA Booster after transformer, as close to the lock as possible,				07022	00	•
Recommended pulsing time	The pulse duration to trigger a CISA electric lock is 0.1 seconds. Automatic timer must be set at 0.5 seconds.						
Recommended fitting	CISA electric locks are mechanical locks electrically operated. ⚠ The tension loading latch when compressed provides the latent force to spring the locking latch. ✓ The tension loading latch must always be compressed into the lock when the door is closed.						
Recommended gap	The gap between the face plate and the strike plate is critical. Please note the following: • Rim locks 11721/31, 11921/31, 11610/30 ✓ Gap distance NOT to exceed 5mm • Mortice lock 12016 for wooden doors ✓ Gap distance 3 - 4 mm • Mid rail locks 14511, 14351, 14461 ✓ Gap distance 3 - 4 mm • Locks for pedestrian gate 14021. ✓ Gap distance 3 - 4 mm • Locks for aluminium door locks 16205, 16215, 16225. ✓ Minimum gap distance 2mm. The tension loading latch must always be 1mm longer than locking latch.						

IMPROVED AESTHETICS

When powered this new strike allows the latch to slide over the face plate.

The strike is now well hidden under the face-plate lip, preventing unsightly work on the door frame.



TECHNICAL DATA

- Coil 9-24V AC/DC
- Break-in resistance. (Maximum pressure) 4,800 N
- Dynamic Strength. (3 impact) 4,400 N
- Guaranteed endurance rating 300 000
- Guaranteed endurance rating with 120N side-load on AC 200 000
- Mounting position Vertical & horizontal
- Face plate 304 ss
- Will open with max. of 20Kg side force on the strike using DC. Heavier use AC 12vAC - 200N
12vDC - 50N
- Continuous pulse to open
- Model 14001 suitable for CISA locks. 44860
5C611
5C110



NEW

	Code	Type	Fin.	Hand	Price
Fail Secure	14001	00	20		•
Fail Safe	14001	04	20		•
Fail Secure	14002	00	20		•
Fail Safe	14002	04	20		•

**Technical Features**

- ☞ Face Plate – Stainless Steel.
...or Brass colour (Code BR).
- ☞ Adjustable Striker
- ☞ Reversible
- ☞ Tested to 300 000 operations
- ☞ Corrosion Resistant in accordance with
UNI ISO 9227 Standard
- ☞ 12V ac/dc 12 ohm

Compatible with CISA locks

15001-00/10/20
For: 44820, 5C611, 5C110

15001-10-S1/S2
For: 46215, 46225

15001-10-X1/X2
For: 55220

Single Pulse (Hold Open) - Fail Secure

With hold-open catch mechanism - Natural
Standard - Natural finish
Standard - Brass Colour

Continuous Pulse - Fail Secure

Standard - Natural finish
Standard - Brass Colour

Single Pulse (Hold Open) - Fail Secure HANDED

Standard - Natural finish **RH**
Standard - Natural finish **LH**

Single Pulse (Hold Open) - Fail Secure HANDED

Standard - Natural finish **RH**
Standard - Natural finish **LH**

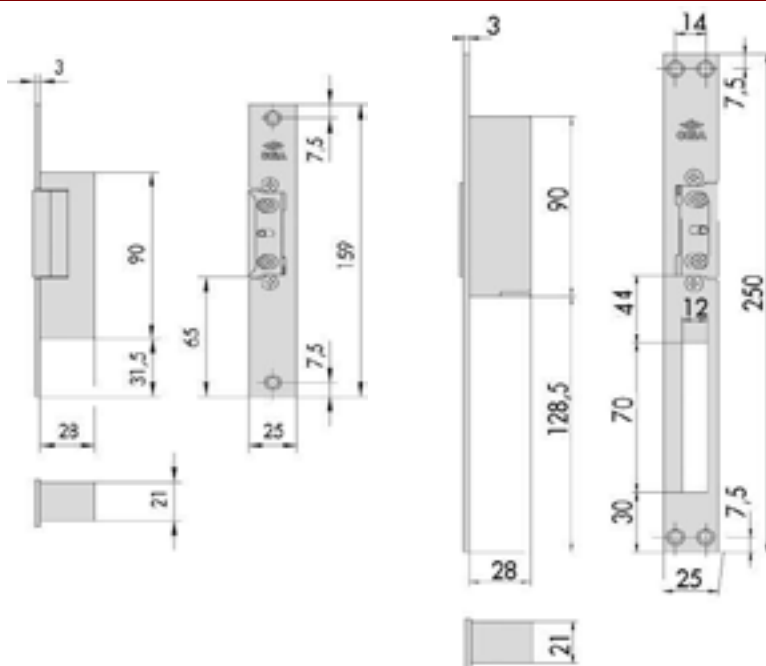
Code	Size	Fin.	Hand	Price
15001	00	00		•
15001	10	00		•
15001	10	BR		•
15001	20	00		•
15001	20	BR		•
15001	10S	00	1	•
15001	10S	00	2	•
15001	10X	00	1	•
15001	10X	00	2	•
15005	00	00		•
15005	10	00		•
15005	10	BR		•
15005	20	00		•
15005	20	BR		•

**Single Pulse (Hold Open) - Fail Secure**

With hold-open catch mechanism - Natural
Standard - Natural finish
Standard - Brass Colour

Continuous Pulse - Fail Secure

Standard - Natural finish
Standard - Brass Colour

**Handing**

LH -2



RH -1

**Technical Features**

- ☛ Face Plate - Dural Aluminium Natural (Code 00)
- ☛ Tested to 300 000 operations
- ☛ Corrosion Resistant in accordance with UNI ISO 9227 Standard
- ☛ Available with Long face plate (Code L)
- ☛ Withstands impact up to 1000kg- operates under 500kg load

**Single Pulse (Hold Open) - Fail Secure -handed**

- Standard - Natural finish
- Current 12V dc - 20 ohm

Continuous Pulse - Fail Secure - Handed

- Standard - Natural finish
- Current 12V dc - 70 ohm

Continuous Pulse - FAIL SAFE - Handed

- Standard - Natural finish
- Current 12V dc - 70 ohm

**Continuous Pulse - FAIL SAFE
Version with TWO Micro switches**

- Standard - Natural finish
- Reversible
- Current 24V dc - 240 ohm

- ☛ Principal Microswitch
...Indicates when the door is open .
- ☛ Secondary Microswitch
...Indicates that the Strike is closed and secure

Code	Size	Fin.	Hand	Price
15060	10		1	•
15060	10		2	•
15060	20	00	1	•
15060	20	00	2	•
15060	30	00	1	•
15060	30	00	2	•
15060	40	00		•
15006	10	00		•
15006	20	00		•

ELECTRIC STRIKES FOR RIM LOCKS

**Single Pulse (Hold Open) - Fail Secure**

- Standard - Grey finish

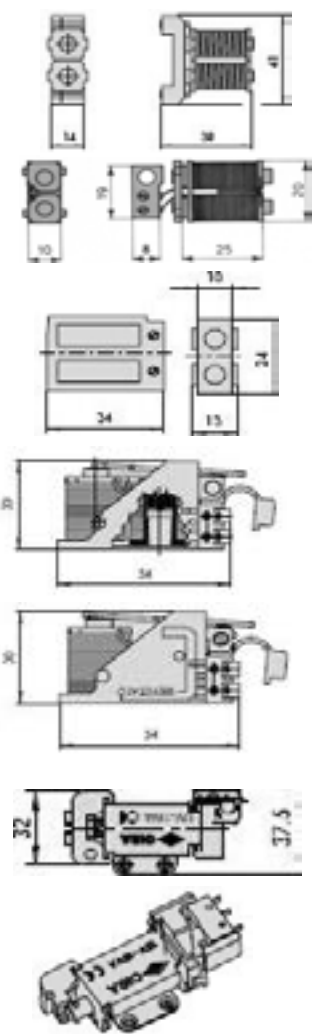
Continuous Pulse - Fail Secure

- Standard - Grey finish

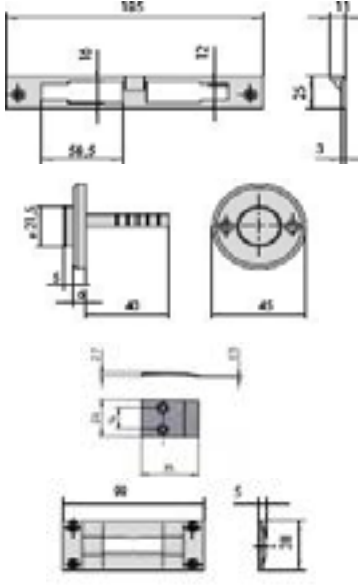
Suitable for locks series 54315.

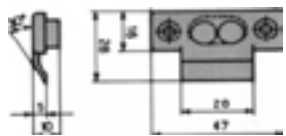
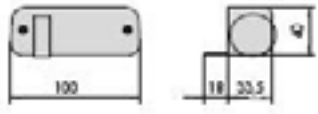
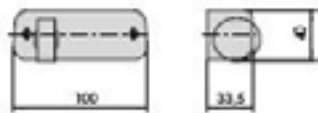
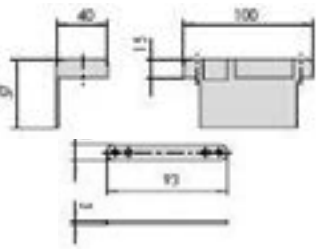
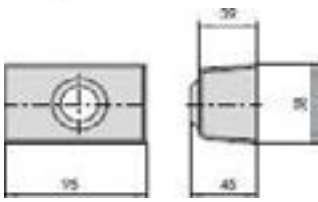
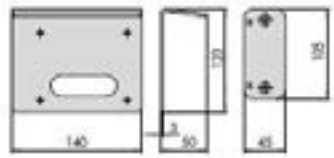
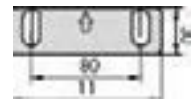
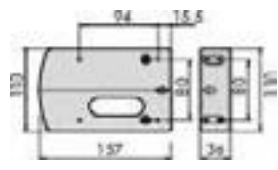
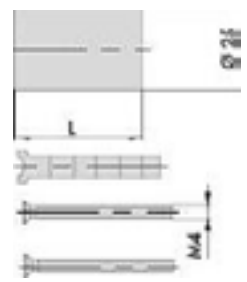
SPARE COILS FOR ELECTRIC LOCKS.



	Code	Size	Hand	Price
 • Coil set for 12016 - 12V • Coil set for 12016 - 24V • Coil set for 14021 - 12V • Coil set for 16215 - 24V • Coil set - 12 V - for 11610,11630, 11721... ...11731,11921,11931. Old version locks • Coil set - 12 V - for 11610,11630, 11721... ...11731,11921,11931. • Coil set - 24 V - for locks as above. • Coil set for 1A721 • Coil for use with Bticino Video Phones	07009	00		•
	07009	01		•
	07047	00		•
	07086	00		•
	07086	01		•
	07118	00	1 or 2	•
	07120	00	1 or 2	•
	07120	01	1 or 2	•
	07025	00		•
	07025	10		•

SPARE ACCESSORIES FOR ELECTRIC LOCKS.

	Code	Size	Finish	Price
 • Narrow strike for 12016 • Push Button for 12016 • Nylon slide • Black nylon strike for 14021	06035			•
	06110		00	•
	06110		12	•
	06224	50		•
	06287	29		•

		Code	Size	Finish	Price
				Hand	
	• Nylon contact set	06510	00		•
	• Nylon contact set Hinge side	06510	10		•
NEW					
	• Strike for 11610, 11630	07017	10	1 or 2	•
	• Strike for 11721, 11731	07018	00	1 or 2	•
	• Strike for 11921, 11931, with slide anchor... ..plate and screws.	07018	10	3 or 4	•
	• Cylinder protective box for 11721,11731.....11921, 11931.	07056			•
	• Back fixing plate for 11721, 11921,11731, 11931.	07061	00	1 or 2	•
	• Roller strike for 1A721	07021	00		•
	• Roller strike for 1A630	07021	10		•
	• Spacer for 1A721 strike 1mm thick	07021	01		•
	• Fixing plate 1A721 3mm thick	07021	05		•
	• Cylinder Spacer Kit L = 46mm L = 66mm L = 76mm	07165 07165 07165	01 03 04		• • •

EPB1 – FAIL SECURE
Supplied without cylinder.



EPB2 – FAIL SAFE
Power to Lock



Code	Size	Fin.	Price
EPB1	00	20	•
EPB2	00	20	•

TYPE	EPB2	EPB1
Working Voltage	12VDC – 24VDC	12VDC – 24VDC
Operating Current	12VDC/1.2A 24VDC/800Ma	1A/660MA
Static Current	12VDC/210MA 24VDC/90MA	210MA/120MA
Detection Signal Output Of Door Status	Voltage<36V AC/DC Current<300ma	Voltage<36V AC/DC Current<300MA
Ambient Temperature	-25 ~ 55°C	-25 ~ 55°C
Relative Humidity	10%~90%RH	10%~90%RH
Surface Treatment	Stainless Steel Plate	Stainless Steel Plate
Type Of Locking Fail Safe	Fail Safe Magnetic Induction Power to lock	Fail Secure Power to unlock Opens with key
Time Delay Adjustable	0S,2,5S,5S,8S	0S,2,5S,5S,8S
Length Of Latch Bolt	15mm	15mm
Holding Force	1000KG Test Certificate translation available.	1000KG Test Certificate translation available.
Dimension	177*30*34.5mm	177*30*34.5mm

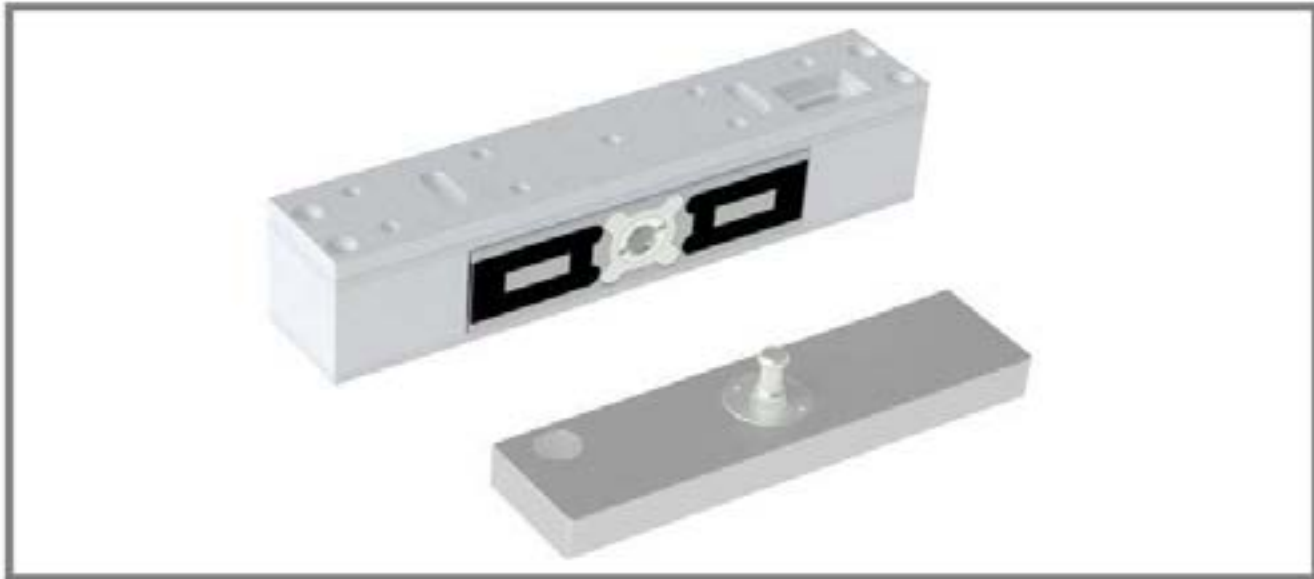


MEM range of magnetic locks

- MEM magnetic locks operate on a low voltage system with a preload force of 60kg.
- When the door is pushed the lock instantly activates and then withstands up to 680 kgs
- Tested with a shock load of 100J,
- Reduced size from normal locks by 67%
- Low aesthetic impact

MEM2400 Mechanical Electromagnetic Lock

MEM2400 Series



General Description

MEM2400 series is an innovative product which successively incorporates mechanical designs into the electromagnetic lock. This innovative design allows the lock to achieve high holding force up to 680kgs, and impact resistance of 100J while reducing the lock size by 67% of the equivalent lock.

MEM2400 series is a certified environmental friendly product operating with low power consumption. In addition, due to its compact size, it can significantly reduce the amount of materials required to manufacture therefore reduce the amount of carbon foot print emission and conserve more natural resource for Earth.

MEM2400 series features Early Warning (EW), Door Status Sensor (DSS), and Lock Status Sensor (LSS) signal outputs. EW signal is triggered when the secured door is under pressure for less than 22lbs. Different to the DSS and LSS sensors, the EW signal is triggered when door remained locked and is used for an early notification of potential intruders.

The MEM2400 is suitable for:

- Fire door application
- High security door application

Key Features in MEM2400 Series

MEM2400 Series	Description
Holding Force	>680kgs
Property	Fail Safe
Durability	>1 million
Impact Resistance	>100J
Monitoring	Early Warning (EW) Door Status Sensor Lock Status Sensor
Light Indicator	<u>MEM2400-LP</u> Light Panel <u>MEM2400-60</u> Bi-Color LED
Net Weight	1.4kg for MEM2400-LP 1.7kg for MEM2400-60

MEM2400 Series Technical Information

SPECIFICATION	PREMIUM SERIES
Lock Body Dimension	<u>MEM2400-60</u> 218L x 36W x 33.1D (mm)
	<u>MEM2400-LP</u> 158L x 36W x 33.1D (mm)
Armature Plate Dimension	<u>MEM2400-60</u> 180L x 30.5W x 12.5D (mm)
	<u>MEM2400-LP</u> 120L x 30.5W x 12.5D (mm)
Lock Operating Voltage	12/24Vdc $\pm 10\%$
Lock Operating Current	<u>MEM2400-60</u> 12Vdc@350mA / 24Vdc@175mA
	<u>MEM2400-LP</u> 12Vdc@240mA / 24Vdc@120mA
Holding Force	Up to 680kgs
Impact Resistance	Up to 100J
Monitoring Sensor	Early Warning (EW) Door Status (DSS)
	Lock Status (LSS)
Operating Temp	-10°C~60°C
Net Weight	1.4kgs for MEM2400-LP
	1.7kgs for MEM2400-60
Operating Humidity	0~80% (non-condensing)
Surface Finish	High Quality plating for anti-corrosion
Residual Magnetism	No residual magnetism
Standard Packing	10 pcs/carton

Ordering Information

MODELNUMBER	DESCRIPTION
MEM2400-LP	Light Panel Indicator, including SEC bracket and for out-swing door application
MEM2400-60	LED indicator, including L&Z bracket for in-swing door application

Accessories

MODELNUMBER	DESCRIPTION
UBG12-24	U Bracket for Glass Door
ATB 2400	Adjustable bracket
SEC 2400	Security Bracket, included in MEM2400-LP package for out-swing door application
L&Z 2400-60	L&Z Bracket, included in MEM2400-60 package for in-swing door application

Warranty

1 year warranty

Standard and Compliance



MEM2400-60 and L&Z Bracket Package

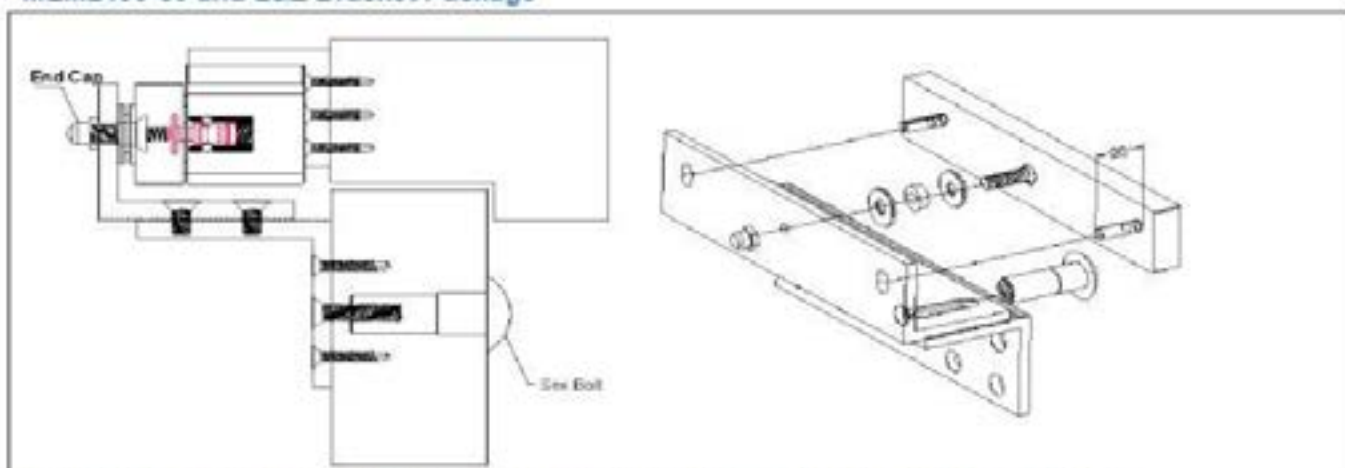


Figure 1. MEM2400-60 comes with L&Z bracket (L&Z 2400-60) suitable for in-swing door application.

MEM2400-LP, SEC Bracket, and Sex Bolt Package (Wooden Door Installation)

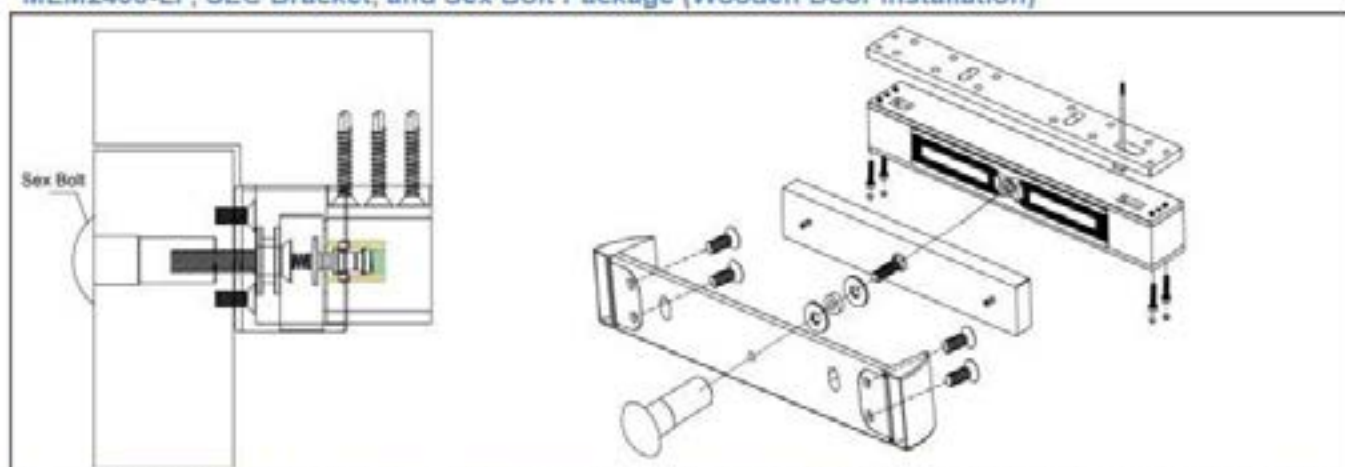


Figure 2. MEM2400-LP, Security Bracket (SEC 2400) and Sex Bolt installation for out-swing wooden door, sex bolt is used to enhance the holding strength of SEC bracket.

MEM2400-LP and SEC Bracket Package (Metallic Door Installation)

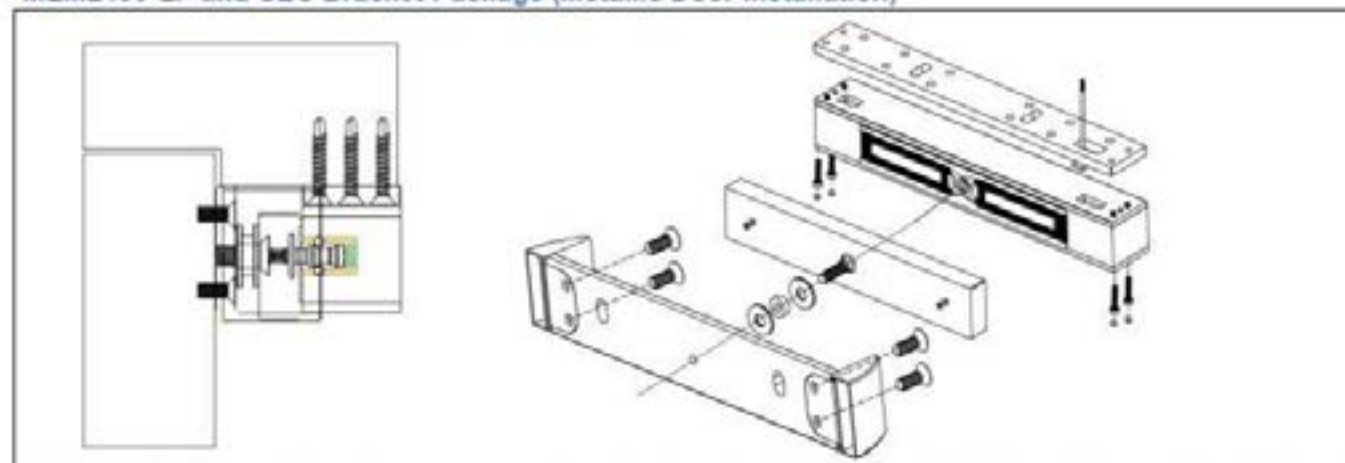


Figure 3. MEM2400-LP and Security Bracket (SEC 2400) installation for out-swing metallic door, sex bolt is not used.

MEM2400EXT-S/ MEM2400EXT-CS
Delay Egress Electromagnetic Lock
Delay egress series



General Description

MEM2400EXT series Delay Egress Electromagnetic Lock is an upgrade version of EM Lock with **delay egress** and **early warning** feature. The product is recommended for applications like hospital, kindergarten, retail store and supermarket to prevent patient, children, and shop lifter to exit from escape doors without alerting security personnel.

The magnetic lock is mini in size but has a robust holding force up to 680kgs/ 1,500lbs.

Following the **North America building code** the delay egress time can be set at either **15 or 30 sec** with alarming feature for **Nuisance Delay Alarm** and **Remote Alarm** (Early Warning Lock Status Sensor). A **15lbs** push force on escape door is all it requires to trigger both alarms.

For the optimal use, the Nuisance Delay Alarm can be connected with a local buzzer for local warning purpose. The remote alarm can be connected to control room for lock and unlock observation and to receive **Going-To** release warning.

The product aims to provide a cost effective solution for Delay Egress applications.

"The MEM series has its unique Green feature of compact size, low power consumption, less carbon footprint, and environmental friendly."

New Features in MEM2400EXT series

2400EXT Series	Description
Light Bar	Red/Green/Off
	Wider illuminating area
	Can be observed from greater distances
Delay Egress	15 or 30 sec
Alarm	Nuisance delay alarm and Remote alarm
Delay relock (Exit release)	Release lock by shorting the White, White wire thru Exit switch button
Sounder Module	80dBA
Building codes	5 building codes

Continued next page>>

MEM2400EXT Technical Information

SPECIFICATION	MEM2400EXT SERIES
Fall Safe	Power to lock
Lock Body Dimension	158L x 36W x 60.0H (mm)
Armature Plate	120L x 30.5W x 12.5H (mm)
Lock Operating Voltage	12~24VDC $\pm 10\%$
Lock Operating Current	Max. <u>0.42A@12VDC</u> and <u>0.196A@24VDC</u> (with all relays on, no buzzer) 12VDC@374mA 24VDC@184mA In normal operation
LockHolding Force	Up to 680kgs
Preload	Up to 60kgs
DynamicImpact Resistance	Up to 120J
Monitoring Output & Alarm Outputs	Lock Status Output (LSS) NO, Max 24VDC; Max 0.1A Door Status Output (DSS) NO, Max 30VDC; Max 0.3A Nuisance Delay Output C/NO/NC, Max 24VDC; Max 1A Remote Output C/NC/NO, Max 24VDC; Max 1A Light Panel Red/Green/Off
Operating Temp	-10°C ~60°C
Weight	1.2kgs
Operating Humidity	0~80%
Standard Packing	10pcs/carton
Surface Finish	High Quality plating for anti-corrosion

Fire Alarm Condition

MEM2400EXT has to be connected via a set of normal open contacts to the building complexes fire alarm system and in the event of a "fire alarm condition", the device will immediately release.

New Features in MEM2400EXT series

2400EXT Series	Description
Motion Detector	These two wire inputs are shorted under factory default setting and this will allow both delay egress and alarming features. For optimal use on fire escape door, a MD can be fitted in the secure side of the door.
Camera Module (optional)	NTSC type
Reset	Reset the device back to normal (alarm off) status. Under BOCA code, reset time can be set to 30 sec. Std reset time is 0 sec

Ordering Information

MODEL NUMBER	DESCRIPTION
MEM2400EXT-S	MEM2400EXT with built-in Sounder
MEM2400EXT-CS	MEM2400EXT with built-in Sounder and Camera

Accessories

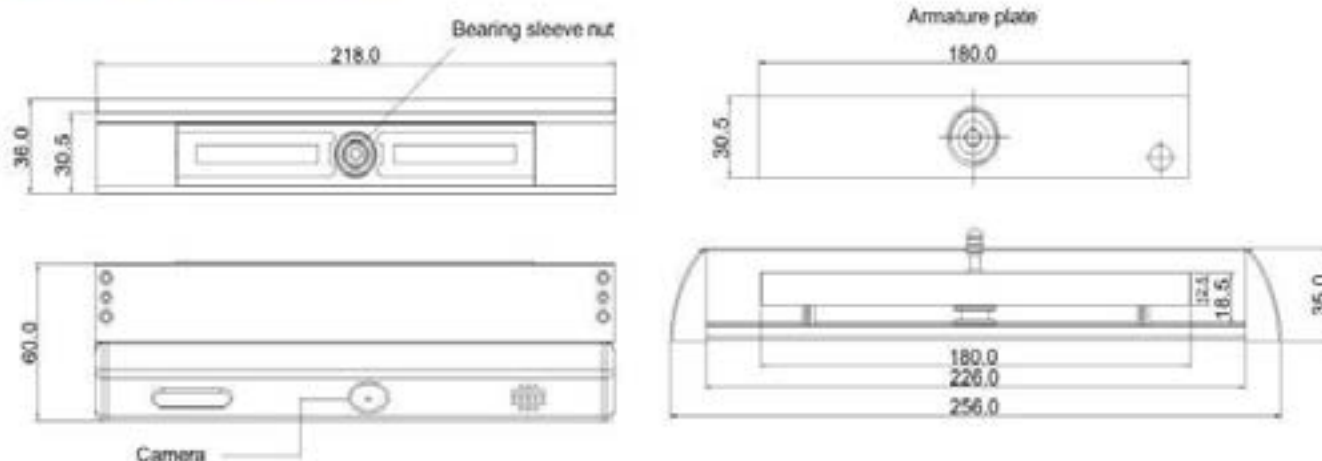
MODEL NUMBER	DESCRIPTION
SEC2400	Security Bracket for MEM2400EXT series, including in the product package

Warranty

3 years warranty (3 years mechanical and 1 year electrical)

Standard and Compliance





MEM4400 Mechanical Electromagnetic Lock

MEM4400 Automatic Door Lock Series



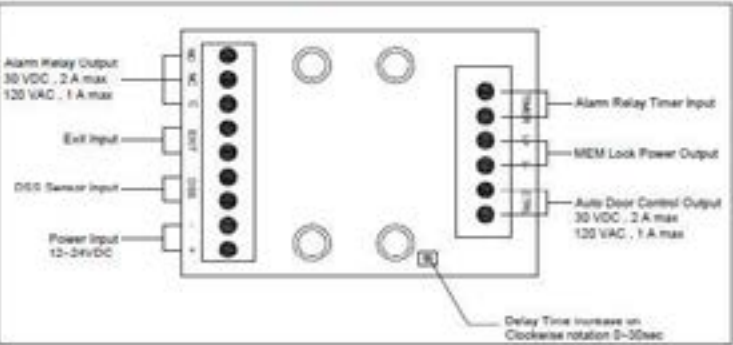
General Description

The patented MEM4400 is a Fail-safe locking device specially designed for auto sliding door applications. And it is designed to be installed within the track of Automatic Sliding Doors. A standard L- Shaped mounting bracket is supplied with the MEM Armature Plate to be connected to the sliding element of the sliding door mechanism. The brackets might have to be customized depending on the brand and type of sliding door mechanism.

EM4400 Series Technical Information

SPECIFICATION	MEM4400
Dimension	Lock body: 44L x 30W x 16.5H (mm) Armature plate: 44L x 30W x 9.0H (mm)
Operating Voltage	12~24 VDC
Operating Current	280mA @12VDC, 140mA@24VDC
Holding Force	400kgs
Dynamic Impact Resistance	100J
Residual Magnetism	None
Weight	0.4kgs

MEM4400 Series Wiring



Ordering Information

MODEL NUMBER	DESCRIPTION
MEM4400SK	For Automatic Door Lock

Warranty

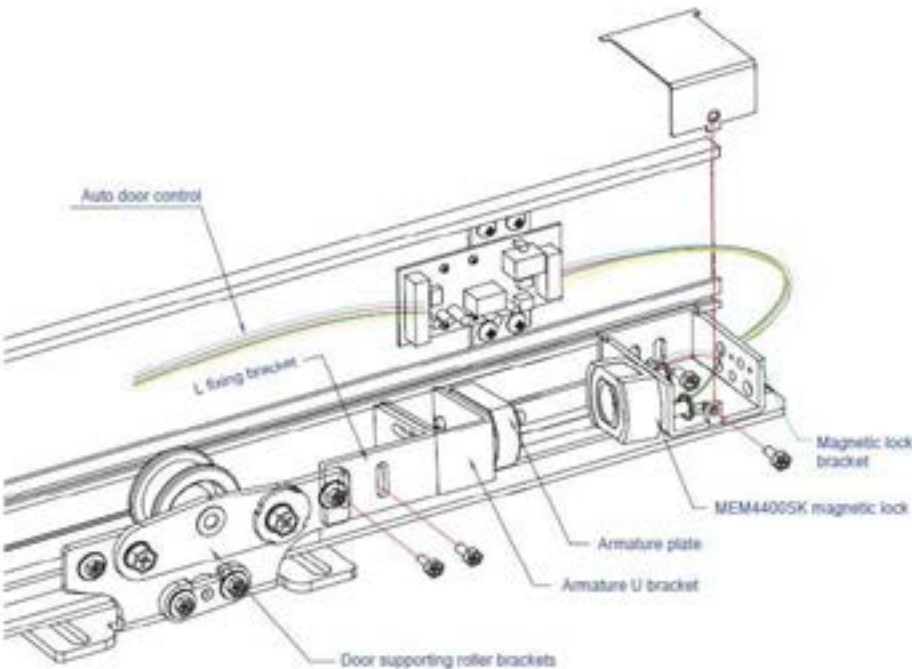
1 year warranty

Standard and Compliance



(Applied)

MEM4400SK Package Installation Illustration





☞ **Lock for Outward Opening doors**

- Includes security plate SEC2400
- Fail Safe
- Includes Fixings for wooden doors
- Light Panel seen from a distance
- Holds 680kg
- Body size: 158L x 36W x 33D mm



☞ **Lock for Inward Opening doors**

- Includes Z&L bracket
- Fail Safe
- Includes Fixings for wooden doors
- Led
- Holds 680kg
- Body size: 218L x 36W x 33D mm



☞ **Lock for Outward Opening doors
with delayed egress and siren**

- Fail Safe
- Suitable for Panic door with delayed egress 15-30 sec.
- Nuisance feature with motion detector
- Light Panel seen from a distance
- Holds 680kg



Lock for Sliding doors

- Fail Safe
- Holds 400kg

Code	Price	
MEM2400	LP	•
MEM2400	60	•
MEM2400	EXT-S	•
MEM4400		•