

Enclosures

Enclosures for Electrical Equipment



Enclosures for Electrical Equipment

Our Range of Products:



SCABOX Series

page 4

Junction boxes IP44 - IP55 - IP56

SCABOX Series boxes are made in shockproof and self-extinguishing halogen-free (blank side) thermoplastic matter and used for shunts in outdoor proof electric systems and the enclosure of small equipment, such as relays, timers, terminal boards, etc.

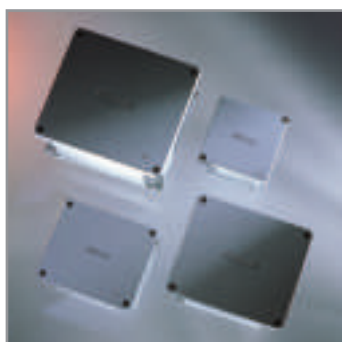


CUBIK Series

page 6

Junction boxes IP55

Scame offer, through CUBIK Series, two new ranges of Junction boxes for electrical installations provided in 6 different sizes. CUBIK Series boxes are made in shockproof and self-extinguishing thermoplastic matter and particularly suitable for shunts in outdoor proof electric systems and the enclosure of small equipment.



ALUBOX Series

page 7

Aluminum junction boxes IP66

With the ALUBOX Series, SCAME offers a range of aluminium metal products that will meet robust installation requirements. Considering in fact the peculiar features of mechanical resistance and toughness to climatic and environmental stress, ALUBOX Series is particularly suitable for installations in environments that are aggressive for the type of processes performed, such as industrial and heavy installations, installations onboard machines, system automation, thermal, chemical and petrol-chemistry installations even outdoor. These are not suitable for excessively saline environments.

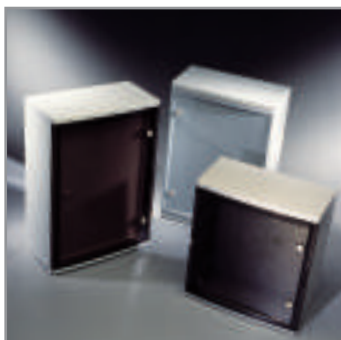


WBOX Series

page 8

Flush mounting boxes

Made in high resistant engineering resin, WBOX recessed boxes are used for main and secondary shunts in the industrial and service sector as well as for domestic purposes. WBOX Series has been created by SCAME to provide a wide range of accessories and spare parts, such as covers, mortar protecting covers and separators that are available in different sizes.



EASYBOX Series

page 10

Weather-proof enclosure IP65

Continuing their design philosophy Scame offer an innovating range of distribution panels for industrial use. This range offers a good visual design.



DOMINO Series

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Consumer units

SCABOX Series boxes are made in shockproof and self-extinguishing halogen-free thermoplastic matter and used for shunts in outdoor proof electric systems and the enclosure of small equipment, such as relays, timers, terminal boards, etc.



BLOCK Series

page 21

Distribution assemblies IP66

As BLOCK panels have an extremely compact structure, these are suitable for powering a limited number of small-sized supplies compared to big sized boards. BLOCK panels are made in thermoplastic material and are as much versatile as DOMINO boards and have the same field of use. In addition, portable versions cabled at the factory can also be used in building yards provided that these are in compliance with EN 60439-4 standards as established for yard panels.



MASTERBOX Series

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Distribution assemblies

Made in shock-resistant and self-extinguishing matter, MASTERBOX panels are intended for the supply of electric power at any yard with average installed power of up to 55 KW.



MBOX Series

page 23

Distribution assemblies

MBOX Series panels are made in shock-resistant and self-extinguishing thermoplastic matter and are particularly suitable for the supply of electric power at any yard with average installed power of up to 18kW. An extremely compact and handy enclosure makes MBOX series panels particularly suitable for any temporary electrical maintenance and operations requiring continuous movements of the company to different sites. This is the panel par excellence that any building company and electric installation company should have as basic equipment.

SCABOX Series

SURFACE MOUNTING JUNCTION BOXES

Reference standard: IEC 60670

- Made of self-extinguishing engineering plastic
- RAL 7035 grey
- Max. operating temperatures: 60 °C
- Total insulation to EN 60439-1 ☐ (use with specially designed screw cover caps art. 654.0080)

BOX WITH CABLE SLEEVES - IP44

- With press-fit cover

INTERNAL DIMENSIONS (A x B x h) mm	NO. OF INLETS FOR	FASTENING SCREWS	PACK QTY.	CATALOGUE NUMBER
Ø 65 x 35	4 ø 23 mm PG 16	2	4/100	☐ 680.001
Ø 80 x 40	4 ø 23 mm PG 16	2	4/100	☐ 680.002
80 x 80 x 40	6 ø 23 mm PG 16	2	4/60	☐ 680.003



BOX WITH CABLE SLEEVES - IP55

- With screw-down cover

INTERNAL DIMENSIONS (A x B x h) mm	NO. OF INLETS FOR	FASTENING SCREWS	PACK QTY.	CATALOGUE NUMBER
100 x 100 x 50	6 ø 29mm PG 21	4	1/48	☐ 685.004
120 x 80 x 50	6 ø 29mm PG 21	4	1/54	☐ 685.005
150 x 110 x 70	10 ø 29mm PG 21 (K1)	4	1/40	☐ 685.006
190 x 140 x 70	10 ø 38mm PG 29 (K1)	4	1/24	☐ 685.007
240 x 190 x 90	12 ø 38mm PG 29 (K1) ▲	4	1/12	☐ 685.008
300 x 220 x 120	12 ø 38mm PG 29 (K1) ▲	4	1/6	☐ 685.009
380 x 300 x 120	12 ø 48mm PG 36 (K1) ▲	4	1/4	☐ 685.010
460 x 380 x 130	14 ø 48mm PG 36 (K2) ▲	6	1	☐ 685.011

▲ Suitable for hinges mounting

(K1) It is possible to use the wall mounting brackets kit item 654.0021

(K2) It is possible to use the wall mounting brackets kit item 654.0023



SURFACE MOUNTING JUNCTION BOXES

Reference standards: IEC 60670

- Made of self-extinguishing engineering plastic
- RAL 7035 grey
- Max. operating temperatures: 60 °C
- Total insulation to EN 60439-1 ☐ (use with specially designed screw cover caps art. 654.0080)

BOX WITH BLANK SIDES - IP56

- With screw-down cover

INTERNAL DIMENSIONS (A x B x h) mm	FASTENING SCREWS	PACK QTY.	CATALOGUE NUMBER	
			blank cover	clear cover
100 x 100 x 50	4	1/40	☎ 686.204	☎ 686.224
120 x 80 x 50	4	1/42	☎ 686.205	☎ 686.225
150 x 110 x 70 (K1)	4	1/48	☎ 686.206	☎ 686.226
190 x 140 x 70 (K1)	4	1/30	☎ 686.207	☎ 686.227
240 x 190 x 90 (K1) ▲	4	1/16	☎ 686.208	☎ 686.228
300 x 220 x 120 (K1) ▲	4	1/8	☎ 686.209	☎ 686.229
380 x 300 x 120 (K1) ▲	4	1/4	☎ 686.210	☎ 686.230
452 x 320 x 130 (K2) ▲	6	1	☎ 686.211	☎ 686.231

▲ Suitable for hinges mounting item 654.0085

(K1) It is possible to use the wall mounting brackets kit item 654.0021

(K2) It is possible to use the wall mounting brackets kit item 654.0023



HIGHER BOX WITH BLANK SIDES - IP56

- Screw-down cover

INTERNAL DIMENSIONS (A x B x h) mm	FASTENING SCREWS	PACK QTY.	CATALOGUE NUMBER	
			blank cover	clear
100 x 100 x 80	4	1/24	☎ 686.404	☎ 686.424
240 x 190 x 125 ▲	4	1/6	☎ 686.408	☎ 686.428
300 x 220 x 170 ▲	4	1/6	☎ 686.409	☎ 686.429
380 x 300 x 170 (K1) ▲	4	1/3	☎ 686.410	☎ 686.430
452 x 380 x 180 (K2) ▲	6	1	☎ 686.411	☎ 686.431

▲ Suitable for hinges mounting item 654.0085

(K1) It is possible to use the wall mounting brackets kit item 654.0021

(K2) It is possible to use the wall mounting brackets kit item 654.0023



CUBIK Series

CUBIK SERIES

Reference standards: IEC 60670

VERSION WITH CABLE SLEEVES

- Colour: grey RAL 7035

COVER	SIZES	INPUTS	PACK QTY.	CATALOGUE NUMBER Glow wire 650°C	CATALOGUE NUMBER Glow wire 960°C
Release type	ø65x40mm	4 x ø23mm	4/100	⑆ 687.001 *	⑆ 688.001 *
	ø80x40mm	4 x ø23mm	4/100	⑆ 687.002 *	⑆ 688.002 *
	80x80x40mm	7 x ø23mm	4/60	⑆ 687.003 *	⑆ 688.003 *
4 1/4 -turn screws	100x100x50mm	7 x ø29mm	1/48	⑆ 687.004	⑆ 688.004
	120x80x50mm	6 x ø29mm	1/54	⑆ 687.005	⑆ 688.005
	150x110x70mm	10 x ø29mm	1/40	⑆ 687.006	⑆ 688.006

* It is possible to use the threaded insert

- Colour: grey RAL 7035 cover, red base

COVER	SIZES	INPUTS	PACK QTY.	CATALOGUE NUMBER Glow wire 650°C	CATALOGUE NUMBER Glow wire 960°C
Release type	80x80x40mm	7 x ø23mm	4/60	-	⑆ 688.003.R *
4 1/4 -turn screws	100x100x50mm	7 x ø29mm	1/48	-	⑆ 688.004.R
	120x80x50mm	6 x ø29mm	1/54	-	⑆ 688.005.R

* It is possible to use the threaded insert

VERSION WITH BLANK SIDES

- Colour: grey RAL 7035

COVER	SIZES	PACK QTY.	CATALOGUE NUMBER Glow wire 650°C	CATALOGUE NUMBER Glow wire 960°C
4 1/4 -turn screws	100x100x50mm	1/40	⑆ 687.204	⑆ 688.204
	120x80x50mm	1/42	⑆ 687.205	⑆ 688.205
	150x110x70mm	1/48	⑆ 687.206	⑆ 688.206

- Colour: grey RAL 7035 cover, red base

COVER	SIZES	PACK QTY.	CATALOGUE NUMBER Glow wire 650°C	CATALOGUE NUMBER Glow wire 960°C
4 1/4 -turn screws	100x100x50mm	1/40	-	⑆ 688.204.R
	120x80x50mm	1/42	-	⑆ 688.205.R

ACCESSORIES

DESCRIPTION	CATALOGUE NUMBER
Threaded insert for CUBIK Series	654.0022



ALUMINIUM JUNCTION BOXES

Reference Standard: IEC 60670

ENCLOSURES - IP66

- Enclosure and cover in die-cast aluminium
- Externally varnished
- Come with stainless screws for attaching cover and self-tapping zinc-coated steel screws for earthing the enclosure and cover

DIMENSIONS		SCREWS FOR ATTACHING COVER	EARTHING SCREWS	WEIGHT (kg)	PACK QTY.	CATALOGUE NUMBER
100x100x59		n°2 M5x10mm	n°1 M4x6	0,255	1/32	653.00
140x115x60		n°4 M5x16mm	n°1 M4x6	0,400	1/24	653.01
166x142x64		n°4 M5x16mm	n°1 M4x6	0,585	1/16	653.02
192x168x80		n°4 M5x16mm	n°1 M4x6	0,870	1/12	653.03
253x217x93		n°4 M6x20mm	n°1 M4x6	1,760	1/6	653.04
314x264x122		n°4 M6x20mm	n°1 M4x6	2,880	1/2	653.05
410x315x150		n°4 M6x20mm	n°1 M4x6	6,500	1	653.07

 = counter-sunk head screw  = flat head screw



MOUNTING PLATES

- Zinc-coated steel plate
- Come with zinc-coated steel self-tapping screws for attaching the plate

FOR ENCLOSURE	SCREWS FOR ATTACHING PLATE	THICKNESS	WEIGHT (kg)	PACK QTY.	CATALOGUE NUMBER
100x100x56	—	—	—	—	—
140x115x60	n°4 M4x6	1,5	—	1/40	653.011
166x142x64	n°4 M4x6	1,5	—	1/20	653.012
192x168x80	n°4 M4x6	1,5	—	1/20	653.013
253x217x93	n°4 M4x6	1,5	—	1/10	653.014
314x264x122	n°4 M4x6	1,5	—	1/10	653.015
410x315x150	n°4 M4x6	2	0,770	5	653.017



DIN RAIL KIT

FOR ENCLOSURE	PACK QTY.	CATALOGUE NUMBER
100x100x56	1	653.020
140x115x60	1	653.021
166x142x64	1	653.022
192x168x80	1	653.023
253x217x93	1	653.024
314x264x122	1	653.025
410x315x150	1	653.027



WBOX Series

FLUSH MOUNTING BOXES

ROUND FLUSH MOUNTING BOX

- Protection degree: IP40
- Provided without cover and screw

DESCRIPTION	PACK. QTY.	CATALOGUE NUMBER
Ø 65 mm	500	875.4201



COVERS

- Supplied as spare parts

DESCRIPTION	FOR BOXES (mm)	PACK. QTY.	CATALOGUE NUMBER
Screw claw fixing	Ø 65 mm	50/500	875.4501
	Ø 80 mm	40/400	875.4502



FLUSH MOUNTING PHONE BOX

- Provided with cover and screw

DIMENSIONS (mm)	COLOUR	PACK. QTY.	CATALOGUE NUMBER
70x70 mm	ivory	12/60	875.4301



RECTANGULAR FLUSH MOUNTING BOX

- Provided without cover and screw

MODULES	DISTANCE BETWEEN AXES FOR FIXING (mm)	PACK. QTY.	CATALOGUE NUMBER
3 modules	83,5	6/300	875.4303



SCREW COVER

- Supplied as spare parts

DESCRIPTION	PACK. QTY.	CATALOGUE NUMBER
Screw blind cover for flush mounting box	12/72	180.692



PROTECTIVE COVER

- Release installation

DESCRIPTION	PACK. QTY.	CATALOGUE NUMBER
For 3 modules flush mounting box	120	875.4603



FLUSH JUNCTION BOXES

- Provided complete with box, cover and screws.

DIMENSIONS (mm)	COMPARTMENTS		PACK. QTY.	CATALOGUE NUMBER
92x92x45	1	-	1/170	 875.4410
118x96x50	1	-	1/120	 875.4411
153x98x70	1	-	1/70	 875.4412
160x130x70	1	-	1/44	 875.4413
196x152x70	2	Accept separator 152*	1/40	 875.4414
294x152x70	3	Accept separator 152*	1/24	 875.4415
392x152x70	4	Accept separator 152*	1/20	 875.4416
480x160x70	3	Accept separator 160*	1/12	 875.4417

* Provided without separator



SEPARATORS

- To divide electric circuits

DESCRIPTION	DIMENSIONS	PACK. QTY.	CATALOGUE NUMBER
Separator 152	152 mm	25/200	875.4490
Separator 160	160 mm	25/200	875.4491



COVERS

- Supplied as spare parts

DESCRIPTION	BOX (mm)	PACK. QTY.	CATALOGUE NUMBER
20 screw packs	3x19	1/120	875.4500
Cover without screws	92x92	5/100	 875.4510
	118x96	5/160	 875.4511
	153x98	5/140	 875.4512
	160x130	5/80	 875.4513
	196x152	5/60	 875.4514
	294x152	2/40	 875.4515
	392x152	2/30	 875.4516
	480x160	2/24	 875.4517

Provided without screws



PROTECTIVE COVER

- Release installation

DESCRIPTION	BOX (mm)	PACK. QTY.	CATALOGUE NUMBER
In plasticised carton	92x92	5/100	875.4610
	118x96	5/160	875.4611
	153x98	5/140	875.4612
	160x130	5/80	875.4613
	196x152	5/60	875.4614
	294x152	2/40	875.4615
	392x152	2/30	875.4616
	480x160	2/24	875.4617



EASYBOX Series

WATER-TIGHT CABINETS

IP65

Reference standard

IEC 60670 and EN 50298

 = pack qty.

LT = Thermoplastic alloy

MV = Varnished metal

AI = Stainless steel

Horizontal modularity	Dimensions b x h x p (mm)	Possible formats	
		Variant A	Variant B
M320 12 DIN per row	Type 1 320x370x210 2 rows	1+ 1  24 DIN	1/2+ 1+ 1/2  12 DIN
		1+ 1  40 DIN	1/2+ 1+ 1/2  20 DIN
		1+ 1+ 1  60 DIN	1/2+ 1+ 1+ 1/2  40 DIN
		1+ 1+ 1+ 1  80 DIN	1/2+ 1+ 1+ 1+ 1/2  60 DIN
M460 20 DIN per row	Type 2 460x370x245 2 rows	1+ 1  40 DIN	1/2+ 1+ 1/2  20 DIN
		1+ 1+ 1  60 DIN	1/2+ 1+ 1+ 1/2  40 DIN
		1+ 1+ 1+ 1  80 DIN	1/2+ 1+ 1+ 1+ 1/2  60 DIN
		1+ 1+ 1+ 1  100 DIN	1/2+ 1+ 1+ 1+ 1/2  60 DIN
M750 35 DIN per row	Type 5 755x715x345 4 rows	1+ 1+ 1+ 1  140 DIN	1/2+ 1+ 1+ 1+ 1/2  105 DIN

b x h x d = base x height x depth

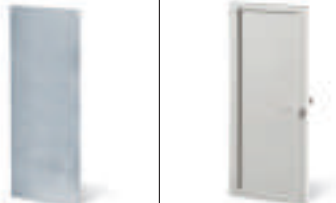
CABINET

		
BASE	DOOR	
	PLAIN grey	WITH WINDOW tinted (LT) with marine window (MV)
⌚ 655.001 0 655.011 0 655.021 01 (*) 1	⌚ 655.001 1 655.011 1 — 1	⌚ 655.001 2 655.011 2 — 1
⌚ 655.002 0 655.012 0 655.022 01 (*) 1	⌚ 655.002 1 655.012 1 — 1	⌚ 655.002 2 655.012 2 — 1
⌚ 655.003 0 655.013 0 655.023 01 (*) 1	⌚ 655.003 1 655.013 1 — 1	⌚ 655.003 2 655.013 2 — 1
⌚ 655.004 0 655.014 0 655.024 01 (*) 1	⌚ 655.004 1 655.014 1 — 1	⌚ 655.004 2 655.014 2 — 1
655.005 0 655.015 0 655.025 01 (*) 1	655.005 1 655.015 1 — 1	655.005 2 655.015 2 — 1

(*) base supplied with blank door already mounted

MOUNTING PLATE AND INTERNAL DOOR

CABINET

					
MOUNTING PLATE		INTERNAL DOOR	SALITA SBARRE		UPRIGHT
in thermoplastic material A x B x C (mm)	Stainless steel smooth zinc-coated A x B (mm)	Blank Grey	mounting plate A x B x C (mm)	internal door	couple
655.001 4 267x294x4,5 1/4	655.001 5 267x294 1/4	655.001 6 1/8	-	-	655.001 9 1/8
655.002 4 407x294x4,5 1/4	655.002 5 407x294 1/4	655.002 6 1/9	-	-	655.002 9 1/8
655.003 4 407x444x4,5 1/2	655.003 5 407x444 1/2	655.003 6 1/9	-	-	655.003 9 1/10
655.004 4 407x594x4,5 1/2	655.004 5 407x594 1/2	655.004 6 1/9	-	-	655.004 9 1
655.005 4 679x633x4,5 1	655.005 5 679x633 1	655.005 6 1	655.005 50 267x633x2 1	655.005 60 1	655.005 9 1

EASYBOX Series

WATER-TIGHT CABINETS

IP65

Reference standard

IEC 60670 and EN 50298

 = pack qty.

Horizontal modularity	Dimensions b x h x d (mm)	Possible formats	
		Variant A	Variant B
M320 12 DIN per row	Type 1 320x370x210 2 rows	1+ 1  24 DIN	1/2+ 1+ 1/2  12 DIN
M460 20 DIN per row	Type 2 460x370x245 2 rows	1+ 1  40 DIN	1/2+ 1+ 1/2  20 DIN
	Type 3 460x520x245 3 rows	1+ 1+ 1  60 DIN	1/2+ 1+ 1+ 1/2  40 DIN
	Type 4 460x670x245 4 rows	1+ 1+ 1+ 1  80 DIN	1/2+ 1+ 1+ 1+ 1/2  60 DIN
M750 35 DIN per row	Type 5 755x715x345 4 rows	1+ 1+ 1+ 1  140 DIN	1/2+ 1+ 1+ 1+ 1+ 1/2  105 DIN

b x h x d = base x height x depth

CABINET

		
1 MODULE	1 MODULE	2 MODULES
DIN RAIL with brackets	MODULAR PLATES in metal, with brackets	
 655.320 10 1/10	 655.320 11 1/8	 655.320 12 1/4
 655.460 10 1/12	 655.460 11 1/8	 655.460 12 1/4
 655.750 10 1	 655.750 11 1	 655.750 12 1

STANDARD PANELS

			
1 MODULE	1 MODULE	1/2 MODULE	1/4 MODULE
PANEL WITH DIN VENT-HOLE With DIN rail	PLAIN PANEL		
	grey h= 150 mm	half module (2 pieces) h= 75 mm	quarter module (2 pieces) h= 37,5 mm
⌚ 655.320 20 1/5	⌚ 655.320 21 1/8	655.320 22 1/10	-
⌚ 655.460 20 1/4	⌚ 655.460 21 1/10	655.460 22 1/10	-
655.750 20 1	655.750 21 1	655.750 22 (1 piece) 1	655.750 23 1

SPECIAL PANELS

	
1 MODULE	2 MODULES
PANEL FOR MOULDED-CASE CIRCUIT BREAKER includes metal plate with DIN rail	INTERNAL DOOR PANEL lock supplied
655.320 24 1/5	-
⌚ 655.460 24 1/4	⌚ 655.460 25 1/9
655.750 24 1	-

DOMINO Series - Surface mounting IP66

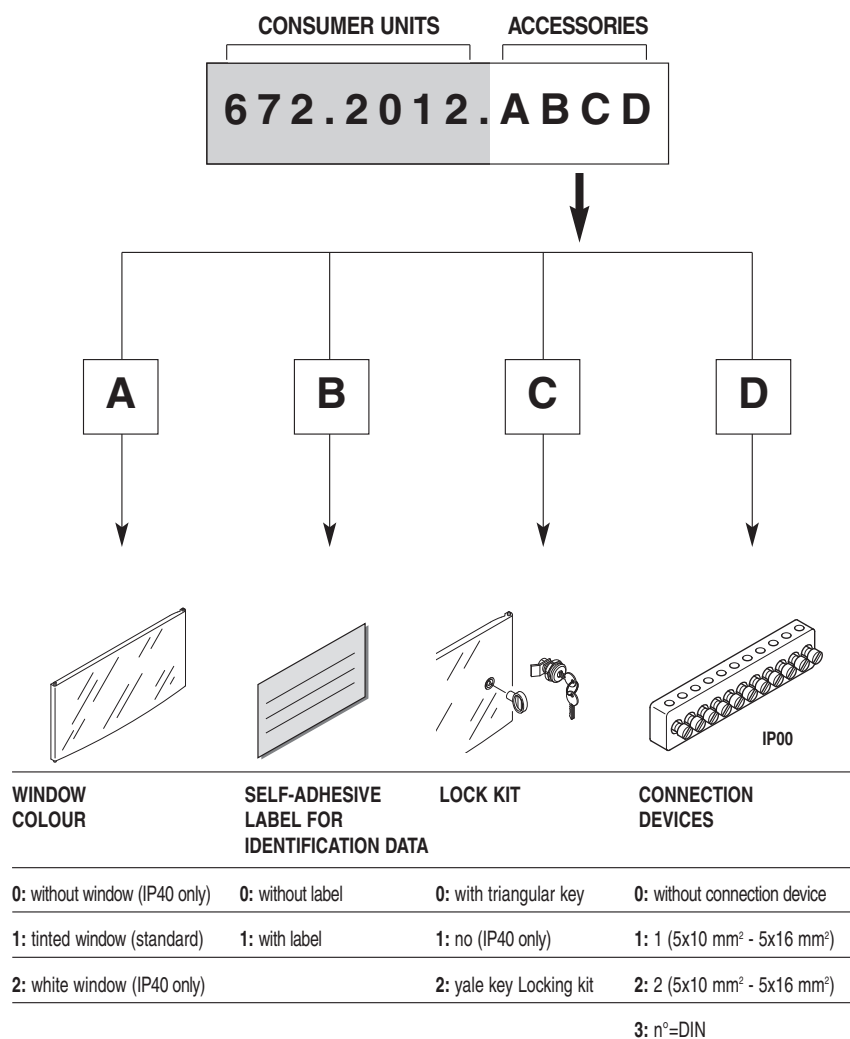
CONSUMER UNITS - IP66

Reference standard: IEC 60670

MODULE	DIN MODULES (17,5mm)	DIMENSIONS h x b x p (mm)	DISSIPABLE POWER*	PACK QTY.	STANDARD VERSIONS	SPECIAL CONFIGURATION
M135	2	135x76x102	6W	1/24	672.2002	-
M190	4	190x112x106	10W	1/16	672.2004	-
	8	190x184x106	14W	1/10	672.2008	672.2008.1101
M250	12	250x256x140	22W	1/9	672.2012	672.2012.1101
	16	250x328x140	28W	1/6	672.2016	672.2016.1101
M400	24 (12x2)	400x256x140	30W	1/6	672.4024	672.4024.1102
	32 (16x2)	400x328x140	47W	1/4	672.4032	672.4032.1102
M550	48 (16x3)	550x328x140	54W	1/3	672.5048	672.5048.1102
M700	64 (16x4)	700x328x140	60W	1	672.7064	672.7064.1102

* According to CEI 23-49 standard

SPECIAL CONFIGURATION:



MODULAR ENCLOSURES - IP66

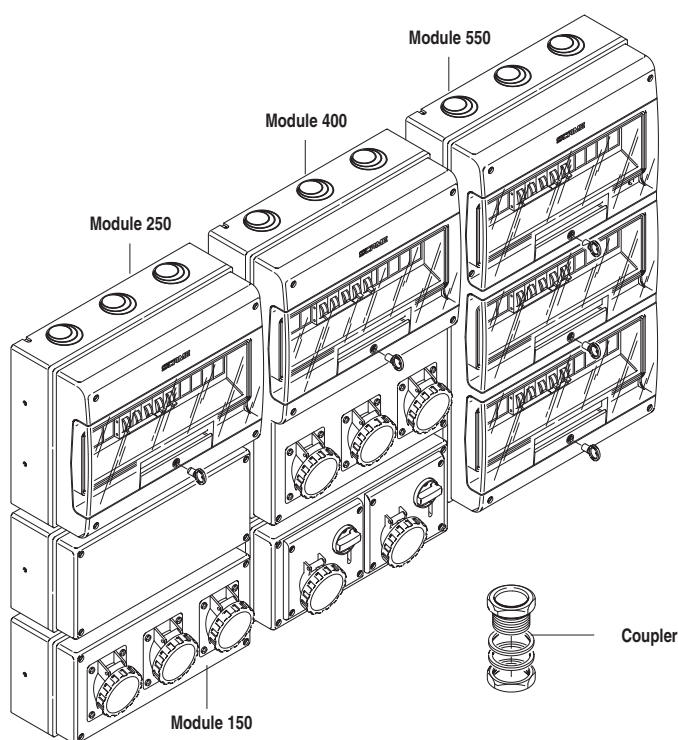
For surface mounting distribution units

Reference standard: IEC 60670

ENCLOSURES WITH BLANK FRONT PANEL

MODULE	DIN MODULES (17,5mm)	SOCKET OUTLETS	DIMENSIONS h x b x p (mm)	DISSIPABLE POWER*	PACK QTY.	CATALOGUE NUMBER
M150	-	-	150x328x115	20W	1/6	672.1100
M340	8	-	340x184x106	14W	1/10	672.2100
M400	12	-	400x256x140	22W	1/6	672.3100
	16	-	400x328x140	28W	1/4	672.4116
M550	16	-	550x328x140	28W	1/3	672.5116

* According to CEI 23-49 standard



672.1100



672.2100



672.3100



672.4116



672.5116

Note: Modules 150 and 250 are the basic elements that allow for any other kind of combination. All the enclosures can be enlarged with modules 150 and 250, even after installation.

With 150 and 250 Modules, it is possible to realize all sorts of combinations; modules 400, 550 and 700 speed up and simplify the wiring of the more commonly used versions.

DOMINO Series - Surface mounting IP66

MODULAR ENCLOSURES - IP66

For surface mounting distribution units

Reference standard: IEC 60670

ENCLOSURES WITH OMNIA SERIES CUTOUTS

MODULE	DIN MODULES (17,5mm)	SOCKET OUTLETS	DIMENSIONS h x b x p (mm)	DISSIPABLE POWER*	PACK QTY.	CATALOGUE NUMBER
M150#	-	2	150x328x115	20W	1/6	672.1200
M340	8	1	340x184x106	14W	1/10	672.2200
M400 •	12	1	400x256x140	22W	1/6	672.3200
	16	2	400x328x140	28W	1/4	672.4216
M550 •		3	550x328x140	28W	1/3	672.5316 ▲
	16	4	550x328x140	28W	1/3	672.5416

* Reference standard: CEI 23-49 (Italian standard)

▲ With cutouts to contain 2 OMNIA series 16 or 32A and 1 OMNIA series 63A

• Connection device to be fixed in the upper side.



672.1200



672.2200



672.3200



672.4216



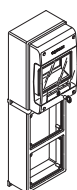
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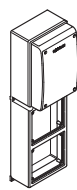
OTHER ENCLOSURES

OMNIA Series

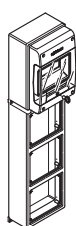


6 DIN

572.0311

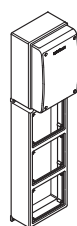


572.0312

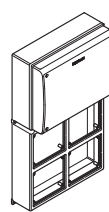


6 DIN

572.0313



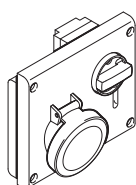
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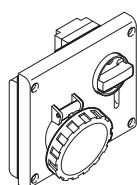
572.0316

COMPONENTS

OMNIA Series Without fuse carrier

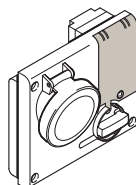


IP44

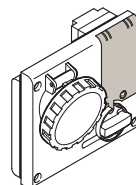


IP67

OMNIA Series With fuse carrier



IP44



IP67

MODULAR ENCLOSURES - IP66

For surface mounting distribution units

Reference standard: IEC 60670

ENCLOSURES WITH IEC309 SERIES OR EUREKA SERIES CUTOUTS

MODULE	DIN MODULES (17,5mm)	SOCKET OUTLETS	DIMENSIONES h x b x p (mm)	DISSIPABLE POWER*	PACK QTY.	CATALOGUE NUMBER
M150	-	3 ●	150x328x115	20W	1/6	672.1300
M340	8	2 ■	340x184x106	14W	1/10	672.2300
M340	8	1 ◆	340x184x106	14W	1/10	672.2301
M400	12	2 ●	400x256x140	22W	1/6	672.3300
	12	1 ♠	400x256x140	22W	1/6	672.3302
	16	3 ●	400x328x140	28W	1/4	672.4316
M550	16	6 ●	550x328x140	28W	1/3	672.5616

* Reference standard: CEI 23-49 (Italian standard)

● For installation of 16A socket (70x87 mm) or, with suitable adaption, 32A socket (84x106 mm)

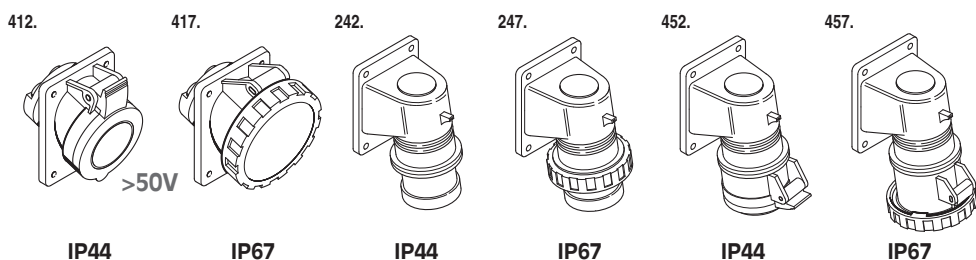
♠ 63A (100x110 mm)

■ 16A (70x87 mm)

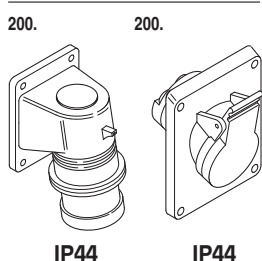
◆ 32A (84x106 mm)

COMPONENTS

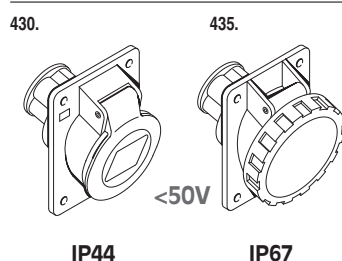
EUREKA Series



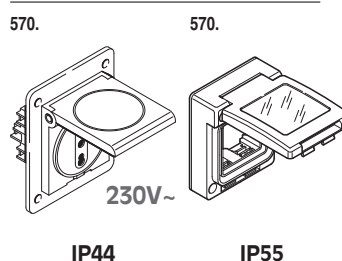
LIBERA Series



IEC309 Series



Domestic



DOMINO Series - Surface mounting IP40

SURFACE MOUNTING CONSUMER UNITS - IP40

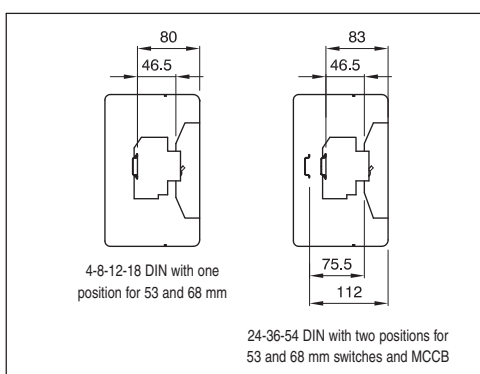
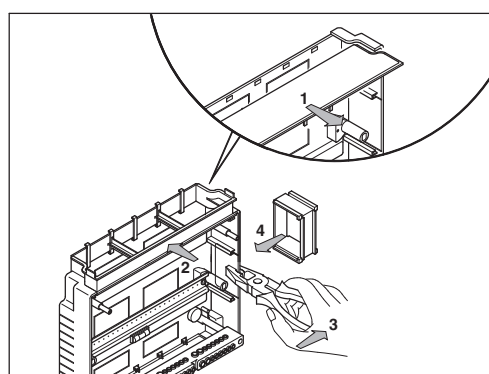
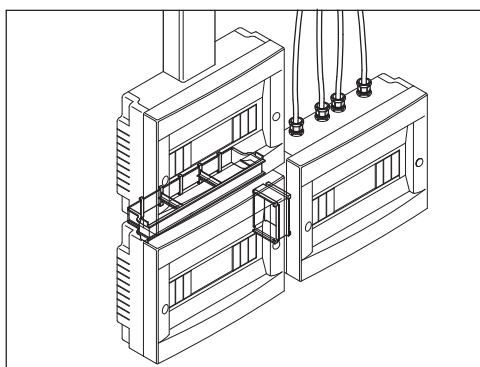
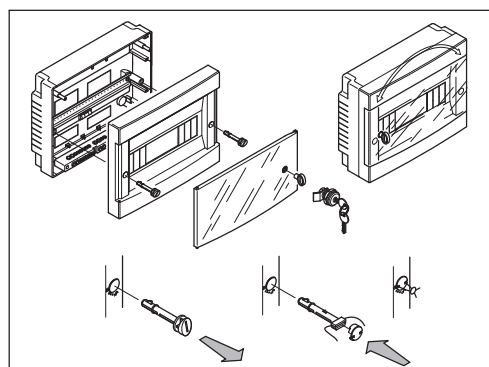
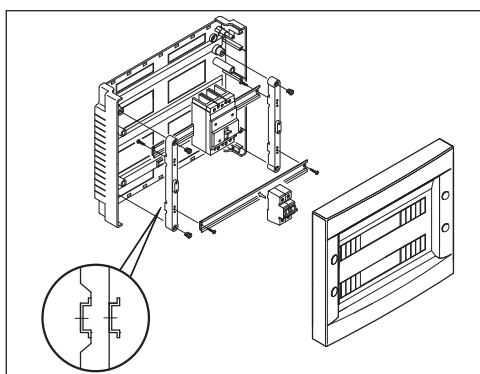
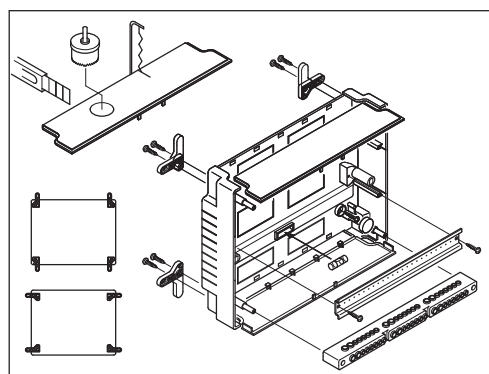
Without window

Reference standard: IEC 60670

MULTIPLES OF	DIN MODULES (17.5 mm) TOTALS / FOR ROW	PACK QTY.	CATALOGUE NUMBER (▲)		
			grey base	white base	white base (◆)
4 DIN	2/4	1/36	673.2102	673.2102B	-
	4+1/2 (4+1/2)	1/24	673.2104	673.2104B	-
8 DIN	8+2 (8+2)	1/12	673.2108	673.2108B	673.2108B.0012
12 DIN	12+2 (12+2)	1/7	673.2112	673.2112B	673.2112B.0012
	24+4 (12+2)-(12+2)	1/5	673.4124	673.4124B	673.4124B.0012
18 DIN	18+2 (18+2)	1/6	673.2118	673.2118B	673.2118B.0012
	36+4 (18+2)-(18+2)	1/4	673.4136	673.4136B	673.4136B.0012
	54+6 (18+2)-(18+2)-(18+2)	1/2	673.5154	673.5154B	673.5154B.0012

(◆) Special configuration: page 14

(▲) Single package



2/4 DIN



4 DIN



8 DIN



12 DIN



24 DIN



18 DIN



36 DIN



54 DIN

SURFACE MOUNTING CONSUMER UNITS - IP40

With window

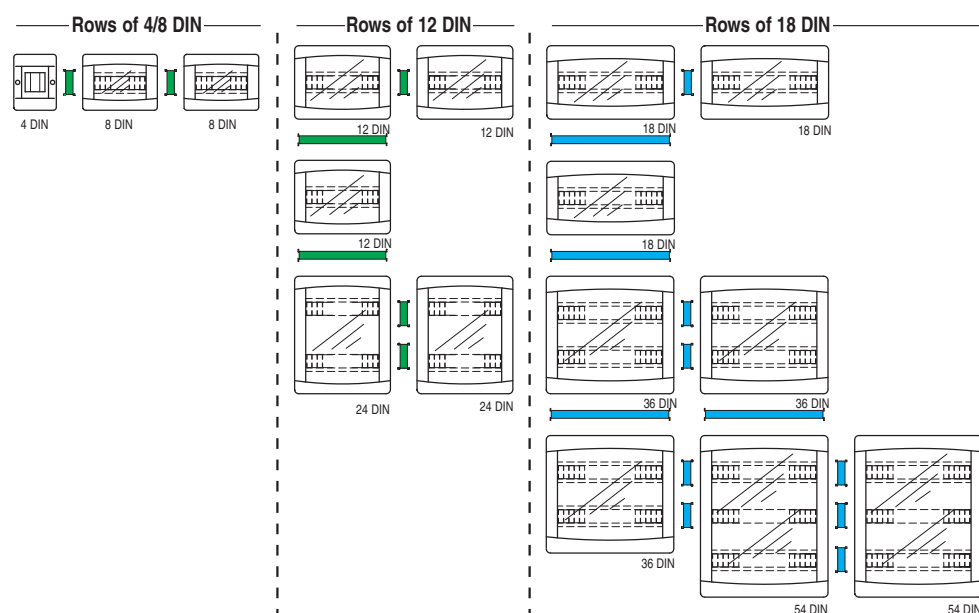
Reference standard: IEC 60670

MULTIPLES OF	DIN MODULES (17.5 mm) TOTALS / FOR ROW	PACK QTY.	CATALOGUE NUMBER (▲)				
			grey base tinted window	white base tinted window	white base white window (◆) (●)	white base white window (◆) (●)	white base tinted window (◆)
8 DIN	8+1 (8+1)	1/12	673.2008	673.2008B	673.2008B.2010	673.2008B.2012	673.2008B.1101
12 DIN	12+1 (12+1)	1/7	673.2012	673.2012B	673.2012B.2010	673.2012B.2012	673.2012B.1101
	24+4 (12+2)-(12+2)	1/5	673.4024	673.4024B	673.4024B.2010	673.4024B.2012	673.4024B.1102
	18+1 (18+1)	1/6	673.2018	673.2018B	673.2018B.2010	673.2018B.2012	673.2018B.1101
18 DIN	36+4 (18+2)-(18+2)	1/4	673.4036	673.4036B	673.4036B.2010	673.4036B.2012	673.4036B.1102
	54+5 (18+2)-(18+1)-(18+2)	1/2	673.5054	673.5054B	673.5054B.2010	673.5054B.2012	673.5054B.1102

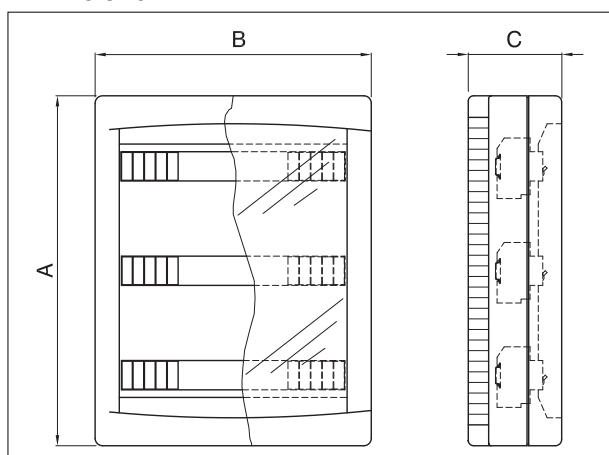
(◆) Special configuration: page 14.

(●) Without triangular lock; snap-closing

(▲) Single package



DIMENSIONS



Connection Kit

Item 654.0041 - 12 DIN Lateral

Item 654.0042 - 12 DIN Vertical

Item 654.0043 - 18 DIN Lateral

Item 654.0044 - 18 DIN Vertical



DOMINO Series - Flush mounting IP40

FLUSH MOUNTING CONSUMER UNITS - IP40

With window

Reference standard: IEC 60670, CEI 23-48 and CEI 23-49

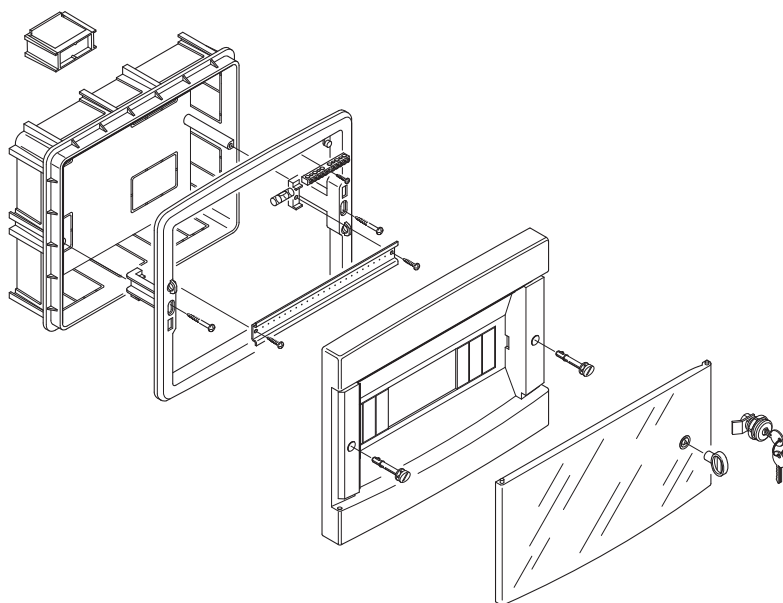
MULTIPLES OF	DIN MODULES (17.5 mm) TOTALS / FOR ROW	PACK QTY.	CATALOGUE NUMBER (▲)				
			grey base tinted window	white base tinted window	white base white window (◆) (●)	white base white window (◆) (●)	white base tinted window (◆)
4 DIN	4+1/2 (4+1/2)	1/38	675.2104*	675.2104B*	-	-	-
	8+1 (8+1)	1/10	675.2008	675.2008B	675.2008B.2010	675.2008B.2012	675.2008B.1101
12 DIN	12+1 (12+1)	1/7	675.2012	675.2012B	675.2012B.2010	675.2012B.2012	675.2012B.1101
	24+4 (12+2)-(12+2)	1/5	675.4024	675.4024B	675.4024B.2010	675.4024B.2012	675.4024B.1102
18 DIN	18+1 (18+1)	1/7	675.2018	675.2018B	675.2018B.2010	675.2018B.2012	675.2018B.1101
	36+4 (18+2)-(18+2)	1/3	675.4036	675.4036B	675.4036B.2010	675.4036B.2012	675.4036B.1102
	54+3 (18+1)-(18+1)-(18+1)	1/2	675.5054	675.5054B	675.5054B.2010	675.5054B.2012	675.5054B.1102

(◆) Special configuration: page 14

* without window

(●) Without triangular lock; snap-closing

(▲) Single package



DIMENSIONS AND DISSIPABLE POWER*

DIN MODULES	SURFACE MOUNTING			FLUSH MOUNTING	
	DIMENSIONS (mm) AxBxC	WITHOUT WINDOW	WITH WINDOW	DIMENSIONS (mm) AxBxC	WITH WINDOW
2/4	130x97x84	9W			
4	190x135x108	11W		180x150x75	17W
8	190x254x108	18W	17W	210x254x75	21W
12	250x326x108	25W (50WΔ)	24W (48WΔ)	270x326x75	32W
24	400x326x108	41W (87WΔ)	35W (63WΔ)	420x326x95	52W (74WΔ)
18	250x434x140	43W (85WΔ)	42W (74WΔ)	270x434x75	36W
36	400x434x140	75W (108WΔ)	57W (96WΔ)	420x434x95	61W
54	550x434x140	103W (140WΔ)	75W (125WΔ)	570x434x95	71W

(Δ) Two consumer units on top of each other joined by specially designed accessories

* Power calculated in conformity to CEI 23-49 standard



DISTRIBUTION ASSEMBLIES

Portable or surface mounting

Reference standards: IEC 60670, CEI 23-48 and CEI 23-49

- Suitable for: EUREKA Series or domestic socket outlet

EMPTY BLOCK UNITS - IP66

DESCRIPTION	DIN MODULES	SOCKET CUT-OUTS (*)	DIMENSIONS (mm)	DISSIPABLE POWER (*)	PACK QTY.	CATALOGUE NUMBER
BLOCK 1	4	1	110 x 280 x 95	8W	1	🌐 632.1500-000
		NO	110 x 280 x 95	8W	1	🌐 632.1510-000
BLOCK 3	6	3	136 x 440 x 105	9W	1	🌐 632.3500-000
		NO	136 x 440 x 105	9W	1	🌐 632.3510-000
	BLANK	4	136 x 440 x 105	9W	1	🌐 632.3501-000
		NO	136 x 440 x 105	9W	1	🌐 632.3511-000
BLOCK 4	10	4	212 x 415 x 105	14W	1	🌐 632.4500-000
		NO	212 x 415 x 105	14W	1	🌐 632.4510-000

(*) 70x87 mm cut-outs

(**) cut-outs suitable for 32 A socket outlets with 84x106 mm flange

(*) power calculated in conformity to CEI 23-49 (Italian standard)

BLOCK 1



BLOCK 3



(**)

(**)

BLOCK 4



(**)

MASTERBOX Series

DISTRIBUTION ASSEMBLIES

Basic elements for ACS

EMPTY CABINETS - IP40

The empty cabinets are supplied in a kit for the buyer to assemble. The cabinet kit includes the following components:

- 1 bottom part (frame or panel), 1 top and 2 side panels;
- 1 rear panel with 1 or 2 built-in boxes fitted with DIN rails for the protective devices and one for the main terminal block;
- 1 or 2 doors with locks for a triangular key;
- PG 36, PG 29, PG 21 cable glands, seals and adaptors from PG 36 to PG 29 and from PG 36 to PG 21;
- 4-pole 25-mm² terminal block, earth terminal, cable clamp;
- lock nuts already fitted in place and M6 hexagonal-socket-head screws;
- fuse tester

DESCRIPTION	BOTTOM PANEL	DESIGNED TO HOUSE		POWER DISSIPATION (•)	PACK QTY.	CATALOGUE NUMBER
		■	▼			
MASTERBOX 3	open	3	6	16W	1	665.4020-000
13 DIN Modules	blank	3	6	16W	1	665.4021-000
MASTERBOX 5	open	5	10	29W	1	666.4030-000
13+13 DIN Modules	blank	5	10	29W	1	666.4031-000

Designed to house:

- up to ■ 16 A, 32 A and/or 63A interlocked-switch sockets with IP44 and IP66 of the ADVANCE COMPACT or NORMAL Series;
- up to ▼ 16 A and/or 32 A interlocked-switch sockets with IP44 and IP66 of the QUADRA Series;
- combinations of both.

By following the instructions supplied in the kit, the modular panels are quick and easy to assemble using the M6 hexagon-socket-head screws and lock nuts. The size of the packing is minimised for lower carriage and storage expenses. The versatility of these cabinets is based on the possibility of combining e different interlocked-switch sockets from the QUADRA and ADVANCE Series'

(•) Power calculated according to CEI 23-49 Italian standard.



DISTRIBUTION ASSEMBLIES

Basic elements for ACS

Reference standard: IEC 60670

CABINET STAND

- Suitable for all MASTERBOX cabinets
- Made of stove-enamelled tubular section
- Provided with fastening feet and earthing bolt.

DIMENSIONS	PACK QTY.	CATALOGUE NUMBER
1520 x 980 x 700mm	1	665.4000

KIT ACCESSORIES

DIMENSIONS	PACK QTY.	CATALOGUE NUMBER
Accessories kit (wall mounting brackets, cable camp, yale key, cable gland and adaptors)	10	654.0001
Yake key kit can be fitted instead of the triangular key lock that is supplied (n.2 pieces)	10	654.0071

FUSE TESTER

- 9 V battery (not supplied)
- Battery life > 3 years
- Supplied whenever sockets with fuse protection have been fitted

DESCRIPTION	PACK QTY.	CATALOGUE NUMBER
Fuse tester	1	654.0010



DISTRIBUTION ASSEMBLIES

EMPTY PANELS - IP40

- Components: OMNIA and EUREKA recessed sockets
- panel provided with front side and smooth plate

HOUSING	POWER	DISSIPATED POWER	PACK QTY.	CATALOGUE NUMBER
4 OMNIA SOCKETS	16-32A	-	1	656.0024-000
6 EUREKA SOCKETS	16-32A	-	1	656.0026-000



STAND KIT

DESCRIPTION	PACK QTY.	CATALOGUE NUMBER
Stand Kit	1	656.0120



TURRET FIXING KIT

DESCRIPTION	PACK QTY.	CATALOGUE NUMBER
Post with panel fixing plate handle cover threaded blocks and screws for panel-turret assembly	1	656.0220
Optional steel back closing plate	1	656.0221
Optional plate for fixing the turret into concrete (provided with anchoring brackets and stud bolts)	1	656.0222



EMERGENCY BUTTON KIT - IP65

DESCRIPTION	PACK QTY.	CATALOGUE NUMBER
Emergency button kit consisting of: - luminous emergency button - yellow front side with space for emergency button - lamp 230V~ - NO contact and NC contact - lampholder	10	656.0320



FUSE TESTER

DESCRIPTION	PACK QTY.	CATALOGUE NUMBER
fuse tester kit consisting of: - fuse tester (654.0010) - plate housing fuse tester and spare fuses	10	656.0420



OPTIONAL ACCESSORIES

DESCRIPTION	PACK QTY.	CATALOGUE NUMBER
Wall fixing brackets	1/10	654.0024
Cable supportino kit	1/10	654.0051
Yale wrench kit	1/10	654.0072
Pole fixing kit	1/3	655.32090
Terminal block (4x(5x40 mm ² and 5x46 mm ²))	10/100	654.0349



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