



Quality products

plastic ENCLOSURES

1st EDITION

2 | 0 | 1 | 5

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I DIVISIÓN ELÉCTRICA, S.A.

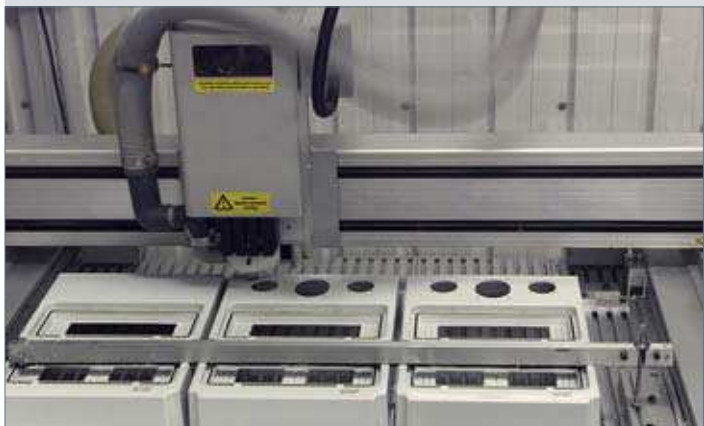
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Quality products



I Division Electrica S.A. (IDE) is a company based in Spain which operates in the international electrical market. We manufacture plastic and metal enclosures as well as plugs and sockets for low voltage distribution and for the telecommunication sector. Internationally patented items are used in all **IDE** products.

IDE was founded in 1987. Since then we have been committed to innovation and investments let us achieve our high quality products, widely appreciated in the international markets.

After over 20 years **IDE** has become recognized as one of the leader manufacturers of electrical material. Thanks to its technically experienced staff and its customer service **IDE** has reached one of the strongest positions in the market with a wide loyal client portfolio.



	PRYMA IP67 ENCLOSURES FOR SOCKETS AND AUTOMATIC SWITCHES	4
	STAR IP55 ENCLOSURES FOR SOCKETS AND AUTOMATIC SWITCHES	10
	NEW ECOLOGY IP65 DISTRIBUTION ENCLOSURES	18
	COMBI IP40 SURFACE DISTRIBUTION ENCLOSURES	24
	ORO IP40 FLUSH-FIT DISTRIBUTION ENCLOSURES	28
	SILVER IP40 FLUSH-FIT DISTRIBUTION BOARD WITH METALLIC DOOR	32
	HABITAT IP30 HOLLOW WALL ENCLOSURES	34
	DOMOS-K ELECTRICAL COMPONENTS AND DERIVATION BOXES FOR HOLLOW WALLS	38
	DOMOS IP33 FLUSH-FIT DISTRIBUTION ENCLOSURES	42
	LIGHT IP65-IP67 JUNCTION BOXES	46
	AMERICAN IP20 ENCLOSURES FOR ELECTRICAL COMPONENTS	54
IP XX	TECHNICAL STANDARDS	56
	PACKING UNITS	57



Pryma

■ ENCLOSURES for SOCKETS and AUTOMATIC SWITCHES

PRYMA Enclosures for sockets and automatic switches are provided plain or equipped with sockets and wiring, in any combination.

They are sealable, UV protected on windows and also completed with fastening and turning hinges with a locking device to assure their watertightness.

They are made from halogen free long-lasting plastic material. Wall mounting screws are placed away from the watertight area (Ref. 17.8P and 17.8M). DIN rail can be fixed to the frame, and also, to the base without the need of screws. Holders are included on the enclosure to fix mounting plates and they are ready for earth and neutral bar installation.


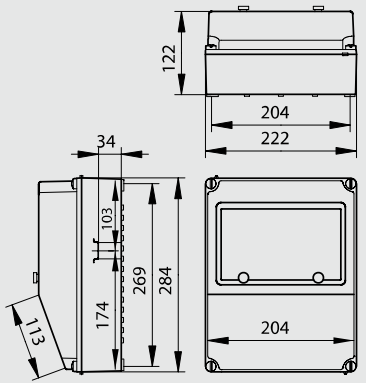
Cable entries are adapted to the metric system and sockets wiring is carried out under electrical engineering preceptives.


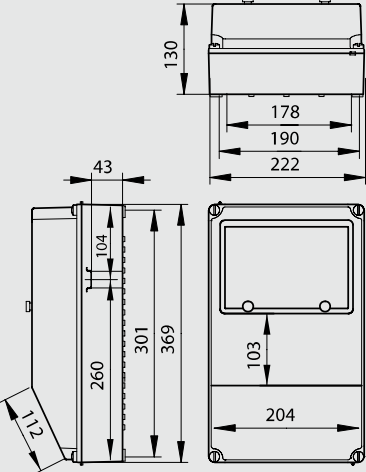


TECHNICAL DATA

■ degree of protection	IP67
■ resistance to impact	IK08
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Box: ABS - RAL7035	
- Transparent window: Polycarbonate - Smoked (UV protection)	

According to 2006/95/CE directive and EN 61439-1 and UNE-EN 61439-3 norms on affected parts.

	Commercial Ref.	
	17.8.P/RR	
	17.8.P	
	Grey with transparent window	
IP67 - RAL7035	TYPE: 67TC09 1x9 modules DIN rail	

	Commercial Ref.	
	17.8.M/RR	
	17.8.M	
	Grey with transparent window	
IP67 - RAL7035	TYPE: 67TC09M 1x9 modules DIN rail	

/RR: References with earth and neutral bars.

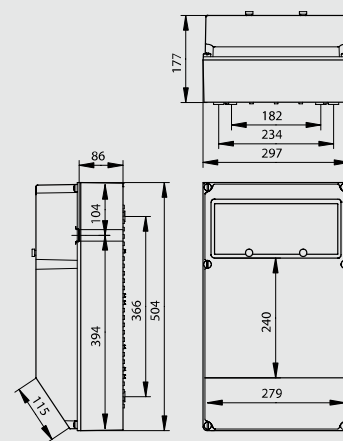


Commercial Ref.

17.12.GM/RR

17.12.GM

Grey with transparent window



IP67 - RAL7035

TYPE: 67TC13
2x13 modules DIN rail

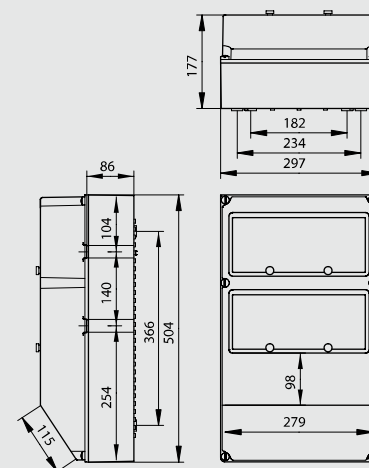


Commercial Ref.

17.24.GM/RR

17.24.GM

Grey with transparent window



IP67 - RAL7035

TYPE: 67TC26
2x13 (26) modules DIN rail

/RR: References with earth and neutral bars.



■ IP44-IP67 COMBINATION UNITS

6 different sizes for installation of any sort of protection devices. From 9 to 24 DIN Rail modules. Any project requirement to be made to your exact specifications.



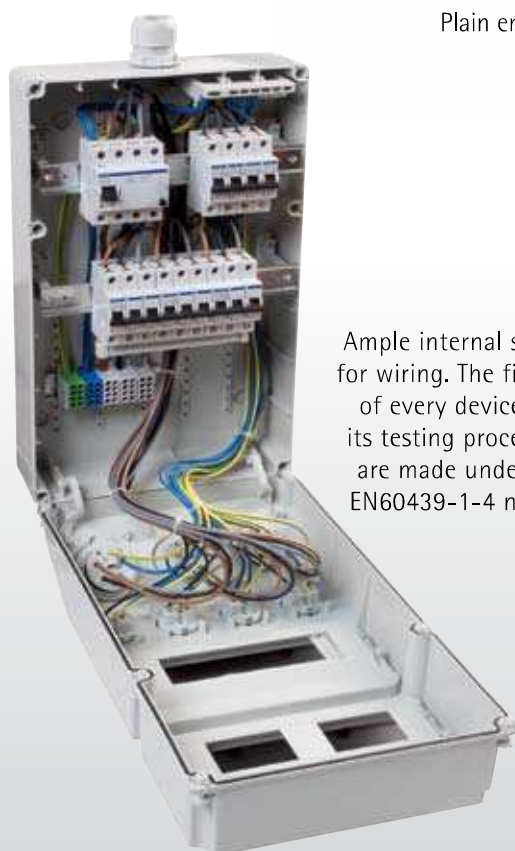
Plain enclosure



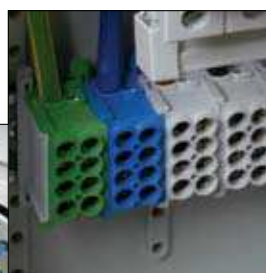
Enclosure with pre-wired socket outlets



Ready to use protected combination units



Ample internal space for wiring. The fitting of every device and its testing procedure are made under the EN60439-1-4 norms



The fitting of terminal blocks* aids the connection between power supply lines

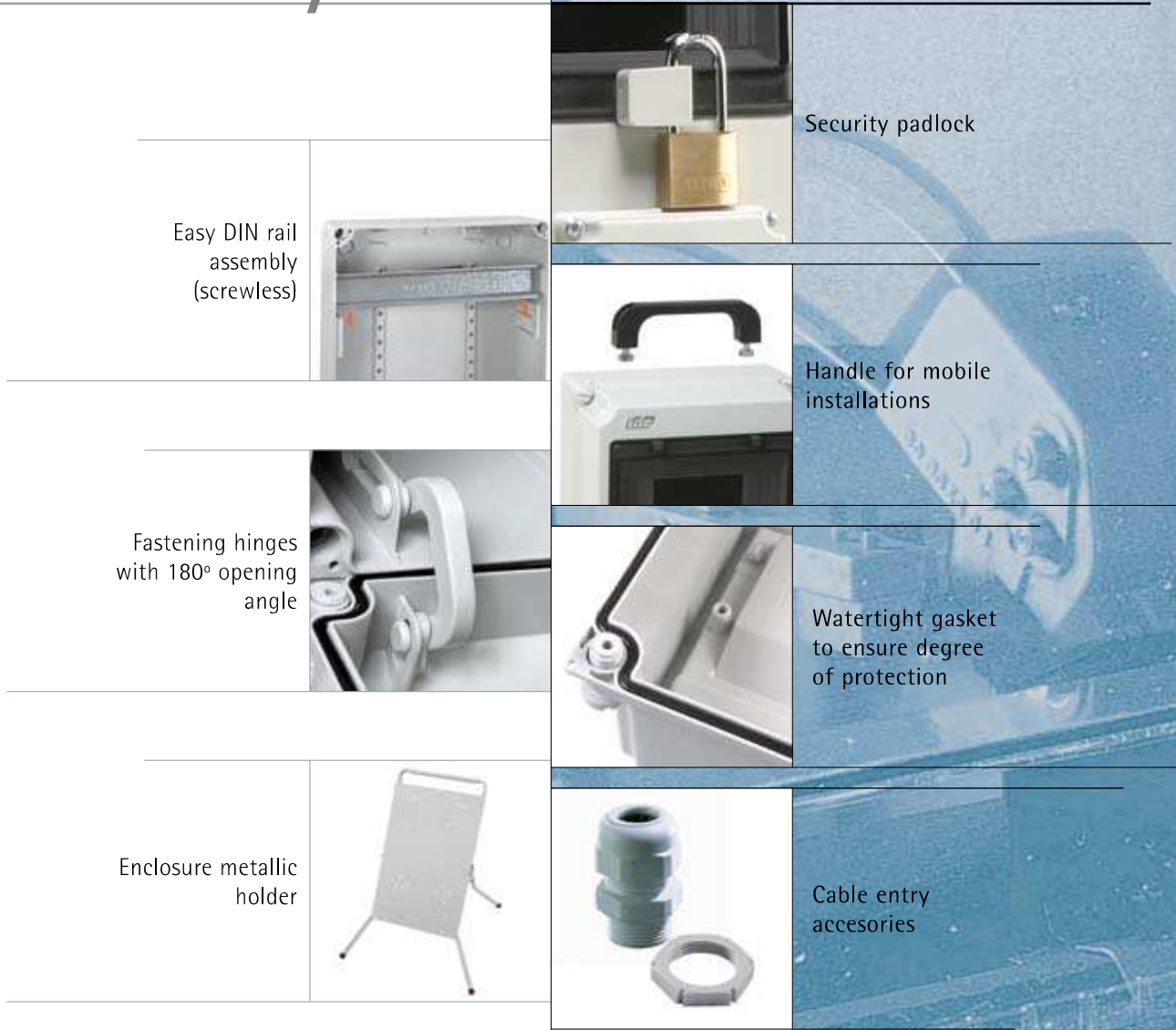


M32-M40 cable entries provide an organized connection between the lines and accordingly to your needs

On every combination unit a Declaration of conformity is included.

Protection degree of complete unit complies with degree of lower rated element

Pryma ACCESSORIES



ACCESSORIES

■ Metallic holder	48205	■ M32 Cable glands	92582
■ IP55 Earth and neutral bar support	77530	■ M40 Cable glands	92584
■ Grey modules-cover lid (6 modules)	77590	■ M25 nuts	92581
■ Security padlock support	77670	■ M32 nuts	92583
■ Handle	92110	■ M40 nuts	92585
■ Frame fixing accessories	94280	■ 2.9x16 screws for neutral bar support (100 pcs.bag)	92620
■ 4x16 stainless steel screws (100 pcs.bag)	94292	■ 6 entries earth & neutral bar (150 pcs.bag)	92303
■ Insulating nuts (100 pcs.bag)	94293	■ 10 entries earth & neutral bar (100 pcs.bag)	92304
■ M32 Lugs for joining enclosures	92579	■ 14 entries earth & neutral bar (80 pcs.bag)	92301
■ M25 Cable glands	92580		

EARTH AND NEUTRAL BARS STRUCTURE

WINDOWS	TRANSPARENT
	Commercial Ref.
9 modules	86020
13 modules	86040

Box Type	Ref.	Terminal I		Terminal II		Connectors
		N	E	N	E	
67TC09	92304	8+2	8+2			1xØ7+1xØ5,5+8xØ4,5
67TC13	92301	12+2	12+2			1xØ7+1xØ5,5+12xØ4,5
67TC26	92304	8+2	8+2	8+2	8+2	1xØ7+1xØ5,5+8xØ4,5

Ø 7,5-7 25 mm² - Ø5,5 16 mm² - Ø4,5 10 mm²



Star

■ ENCLOSURES for SOCKETS and AUTOMATIC SWITCHES

STAR series of enclosures are provided plain or equipped with sockets and wiring, in any combination. They are sealable, supplied with reversible windows and UV protection on the transparent version. Also include fastening hinges, dust caps for wall mounting fasteners and quick locking unloosable screws.

They are made from halogen free long-lasting plastic material. Holders are included on the enclosure to fix mounting plates and they are ready for earth and neutral bar installation.

Cable entries are adapted to the metric system and sockets wiring is carried out under electrical engineering preceptives.



TECHNICAL DATA

■ degree of protection	IP55
■ resistance to impact	IK08
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Box: ABS - RAL7035	
- Transparent window: Polycarbonate - Smoked (UV protection)	

According to 2006/95/CE directive and EN 61439-1 and UNE-EN 61439-3 norms on affected parts.

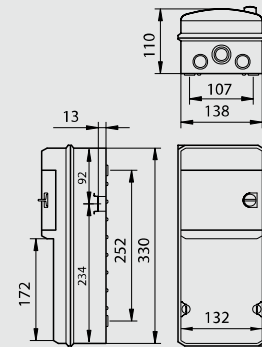


Commercial Ref.

CS4PT/RR

CS4PT

Grey with transparent window



IP55 - RAL7035

TYPE: 55TC04 - 1x4 modules DIN rail
 Cable entry sup.: 2xM20/25/32
 inf.: 2xM20/25 - 1xM20/25/32

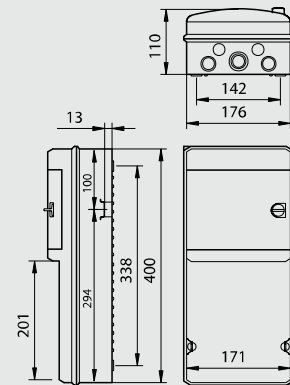


Commercial Ref.

CS6PT/RR

CS6PT

Grey with transparent window



IP55 - RAL7035

TYPE: 55TC06 - 1x6 modules DIN rail
 Cable entry sup.: 2xM16/20 - 2xM25/32 - 1xM32/40
 inf.: 2xM16/20 - 2xM25/32 - 1xM32/40

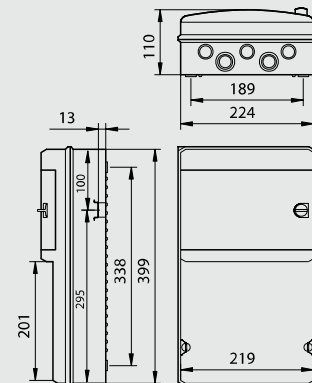


Commercial Ref.

CS9PT/RR

CS9PT

Grey with transparent window



IP55 - RAL7035

TYPE: 55TC08 - 1x8 modules DIN rail
 Cable entry sup.: 3xM20/25 - 2xM25/32
 inf.: 3xM20/25 - 2xM25/32

/RR: References with earth and neutral bars.



Commercial Ref.

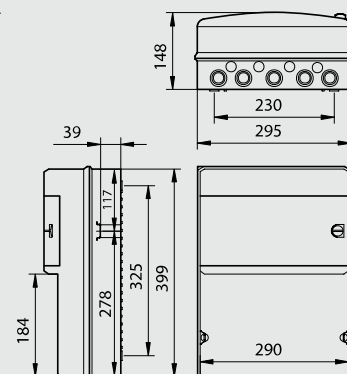
CS13PT/RR

CS13PT

Grey with transparent window

TYPE: 55TC12 - 1x12 modules DIN rail
 Cable entry sup.: 4xM16/20 - 5xM25/32
 inf.: 4xM16/20 - 5xM25/32

IP55 - RAL7035



Commercial Ref.

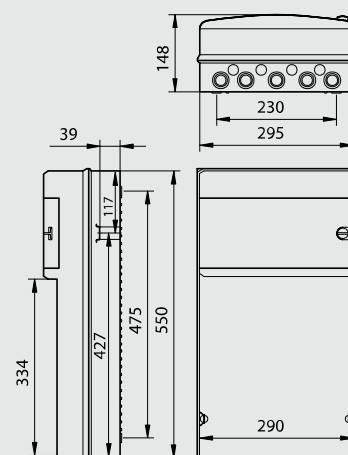
CSG13PT/RR

CSG13PT

Grey with transparent window

TYPE: 55TC12G - 1x12 modules DIN rail
 Cable entry sup.: 4xM16/20 - 5xM25/32
 inf.: 4xM16/20 - 5xM25/32

IP55 - RAL7035



Commercial Ref.

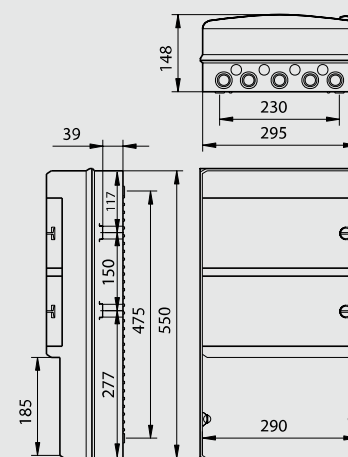
CS26PT/RR

CS26PT

Grey with transparent window


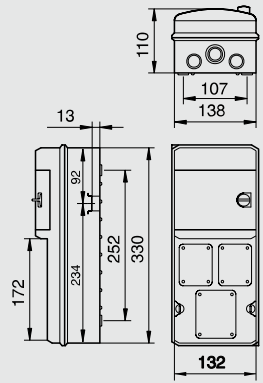
TYPE: 55TC24 - 2x12 (24) modules DIN rail
 Cable entry sup.: 4xM16/20 - 5xM25/32
 inf.: 4xM16/20 - 5xM25/32


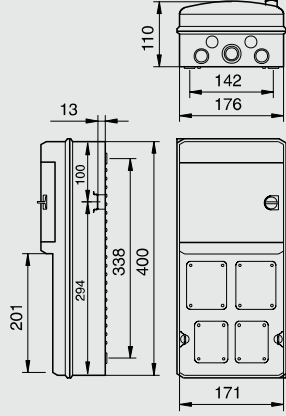
IP55 - RAL7035


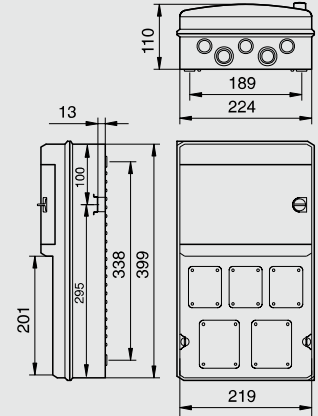


/RR: References with earth and neutral bars.

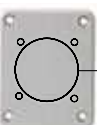
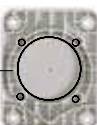
PREMOULDED ENCLOSURES for CUSTOMIZED APPLICATIONS

	Commercial Ref. PCS4PT/RR	
	PCS4PT <i>Grey with transparent window</i>	
IP55 - RAL7035	TYPE: 55TC04TR - 1x4 modules DIN rail Cable entry sup.: 2xM20/25/32 inf.: 2xM20/25 - 1xM20/25/32	
No. Lids	3 - 66x83 mm.*	

	Commercial Ref. PCS6PT/RR	
	PCS6PT <i>Grey with transparent window</i>	
IP55 - RAL7035	TYPE: 55TC06TR - 1x6 modules DIN rail Cable entry sup.: 2xM16/20 - 2xM25/32 - 1xM32/40 inf.: 2xM16/20 - 2xM25/32 - 1xM32/40	
No. Lids	2 - 66x83 mm.* 2 - 80x96 mm.**	

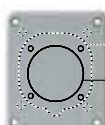
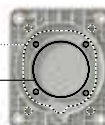
	Commercial Ref. PCS9PT/RR	
	PCS9PT <i>Grey with transparent window</i>	
IP55 - RAL7035	TYPE: 55TC08TR - 1x8 modules DIN rail Cable entry sup.: 3xM20/25 - 2xM25/32 inf.: 3xM20/25 - 2xM25/32	
No. Lids	3 - 66x83 mm.* 2 - 80x96 mm.**	

*** 66x83 mm. lid**

Front side 	Schuko sockets cut-out	Back side 
---	------------------------	--

To be replaced for 16A (3P) & (4P) sockets. Use back cut-out for installation of Schuko type sockets.


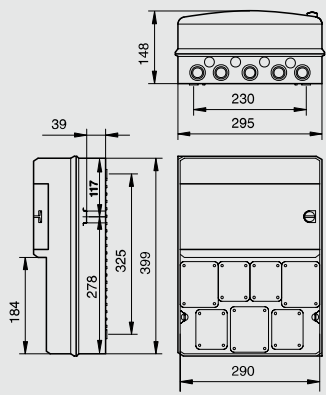
**** 80x96 mm. lid**


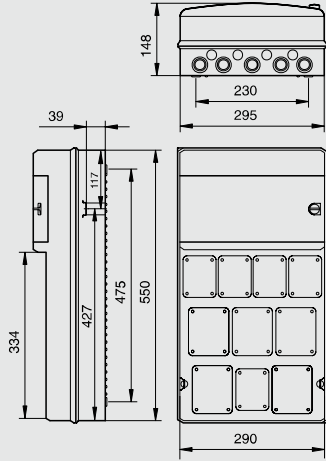
Front side 	16A (3P) & (4P) sockets cut-out Schuko sockets cut-out	Back side 
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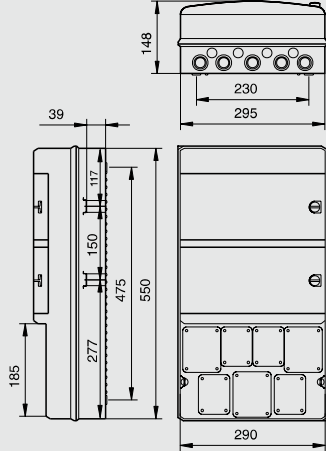
To be replaced for 16A (5P) & 32A sockets. Use Back cut-out for installation of Schuko type and 16A (3P) & (4P) sockets, so it can be used for any sort of connectors.

*Only for IP44 sockets

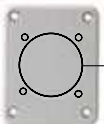
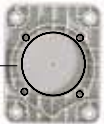
PREMOULDED ENCLOSURES for CUSTOMIZED APPLICATIONS ■

	Commercial Ref. PCS13PT/RR PCS13PT <i>Grey with transparent window</i>	
	TYPE: 55TC12TR - 1x12 modules DIN rail Cable entry sup.: 4xM16/20 - 5xM25/32 inf.: 4xM16/20 - 5xM25/32	
IP55 - RAL7035	No. Lids	4 - 66x83 mm.* 3 - 80x96 mm.**

	Commercial Ref. PCSG13PT/RR PCSG13PT <i>Grey with transparent window</i>	
	TYPE: 55TC12GTR - 1x12 modules DIN rail Cable entry sup.: 4xM16/20 - 5xM25/32 inf.: 4xM16/20 - 5xM25/32	
IP55 - RAL7035	No. Lids	5 - 66x83 mm.* 5 - 80x96 mm.**

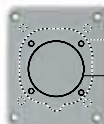
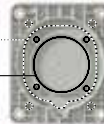
	Commercial Ref. PCS26PT/RR PCS26PT <i>Grey with transparent window</i>	
	TYPE: 55TC24TR - 2x12 modules DIN rail Cable entry sup.: 4xM16/20 - 5xM25/32 inf.: 4xM16/20 - 5xM25/32	
IP55 - RAL7035	No. Lids	4 - 66x83 mm.* 3 - 80x96 mm.**

*** 66x83 mm. lid**

Front side 	Schuko sockets cut-out	Back side 
---	------------------------	--

To be replaced for 16A (3P) & (4P) sockets. Use back cut-out for installation of Schuko type sockets.

**** 80x96 mm. lid**

Front side 	16A (3P) & (4P) sockets cut-out Schuko sockets cut-out	Back side 
--	---	--

To be replaced for 16A (5P) & 32A sockets. Use Back cut-out for installation of Schuko type and 16A (3P) & (4P) sockets, so it can be used for any sort of connectors.

*Only for IP44 sockets



■ IP44-IP55 COMBINATION UNITS

6 different sizes for installation of any sort of protection devices. From 4 to 24 DIN Rail modules.

Any project requirement to be made to your exact specifications.



Plain enclosure



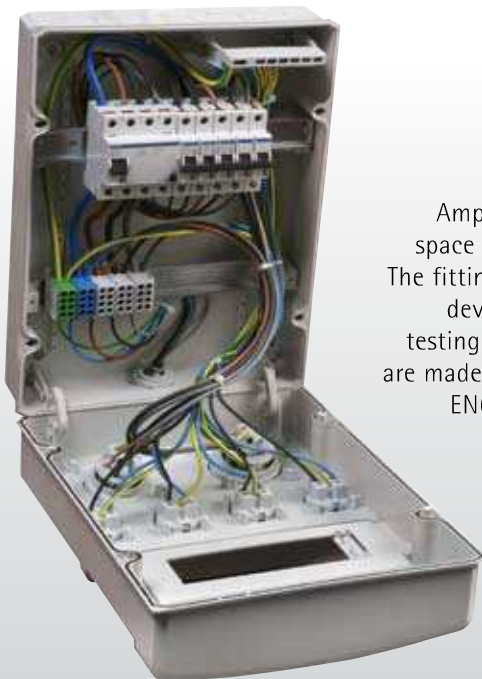
Premoulded enclosures for installation of socket outlets



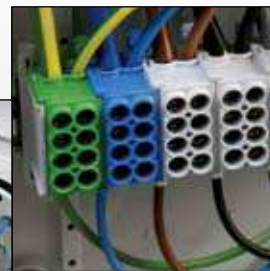
Enclosure with pre-wired socket outlets



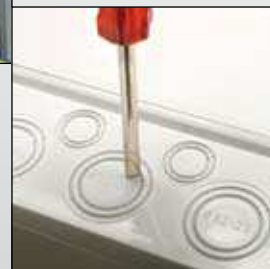
Ready to use protected combination units



Ample internal space for wiring. The fitting of every device and its testing procedure are made under the EN60439-1-4 norms



The fitting of terminal blocks* aids the connection between power supply lines



Premoulded cable entries layout at the top and bottom of enclosure facilitates any combination arrangement

On every combination unit a Declaration of Conformity is included.

Protection degree of complete unit complies with degree of lower rated element

Star ACCESSORIES

Metallic holder			1/4 turning unloosable screws
Cable entry accessories			Earth and Neutral bars
Fastening hinges with 180° opening angle			PO opaque window version; PT transparent window version
	Watertight gasket to ensure degree of protection		Security key for windows

ACCESSORIES

■ Metallic holder	48205	■ M32 Cable gland	92582
■ IP55 Earth and neutral bar support	77530	■ M40 Cable gland	92584
■ Grey modules-cover lid (6 modules)	77590	■ M25 Nut	92581
■ Sealed caps	77650	■ M32 Nut	92583
■ Handle	92110	■ M40 Nut	92585
■ Security key for windows	92150	■ M20 Membrane lid (10 pcs.bag)	92589
■ M32 Lugs for joining enclosures	92579	■ M25 Membrane lid (10 pcs.bag)	92590
■ 4x16 stainless steel screws (100 pcs.bag)	94292	■ M32 Membrane lid (10 pcs.bag)	92591
■ Insulating nuts (100 pcs.bag)	94293	■ Membrane lids 1xM20, 1xM25, 2xM32 Nut (bag)	92592
■ 66x83 mm lids (10 pcs.bag)	94290	■ 2.9x16 screws for neutral bar support (100 pcs.bag)	92620
■ 80x96 mm lids (10 pcs.bag)	94291	■ 6 entries earth & neutral bar (150 pcs.bag)	92303
■ 66x83 mm watertight gaskets (10 pcs.bag)	94294	■ 10 entries earth & neutral bar (100 pcs.bag)	92304
■ 80x96 mm watertight gaskets (10 pcs.bag)	94295	■ 14 entries earth & neutral bar (180 pcs.bag)	92301
■ M25 Cable gland	92580		

EARTH AND NEUTRAL BARS STRUCTURE

WINDOWS	TRANSPARENT
	Commercial Ref.
4 modules	86360
6 modules	86300
8 modules	86310
12 modules	86320

Box type	Ref.	Terminal I		Terminal II		Connectors
		N	E	N	E	
55TC04	92303	4+2	4+2	-	-	2xØ5,5+4+Ø4,5
55TC06	92303	4+2	4+2	-	-	2xØ5,5+4+Ø4,5
55TC08	92304	8+2	8+2	-	-	1xØ7+1xØ5,5+8xØ4,5
55TC12-12G	92301	12+2	12+2	-	-	1xØ7+1xØ5,5+12xØ4,5
55TC24	92304	8+2	8+2	8+2	8+2	1xØ7+1xØ5,5+8xØ4,5

Ø 7,5-7 25 mm² - Ø5,5 16 mm² - Ø4,5 10 mm²

New Ecology



The IP65 boxes have a completely new and innovative shape, reaching the highest level of quality and design.

They are made from halogen free long-lasting thermoplastic materials, available in two versions: ABS and polycarbonate. They have big space for wiring and also the possibility to place the DIN rail in two height positions. Mounting plates and other accessories can be installed on the base inside.

Doors are transparent UV protected and the hinged opening goes up to 180°. The four screws linking base and frame are sealable.

As accessories there are earth and neutral bars in double height possible, section 12x6,5 mm. in order to reach 125A of permissible intensity.

Apart from the standard locking system, key-locks and triangle locks are also offered as accessories. Modular capacity from 4 up to 54 modules.


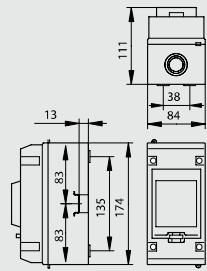
■ WATERTIGHT DISTRIBUTION ENCLOSURES


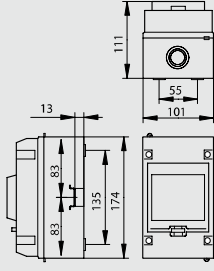



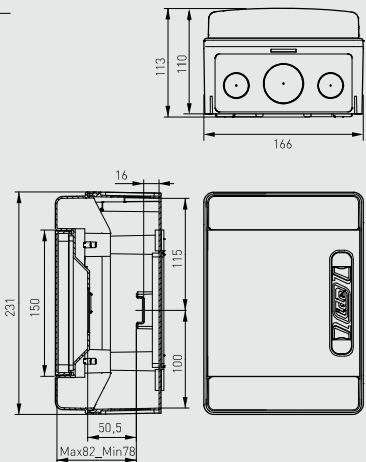
TECHNICAL DATA


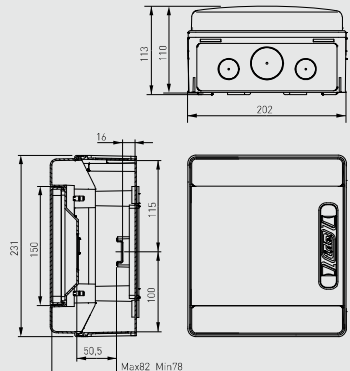
■ degree of protection	IP65
■ resistance to impact	IK08
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ range of temperature under normal conditions	-25°C / +40°C
■ use maximum tension	1000 V AC / 1500 V CC.
■ ABS materials (halogen free):	
- Case and frame in ABS RAL 7035	
- Smoked transparent window in polycarbonate	
■ POLYCARBONATE materials (halogen free):	
- Case and frame in polycarbonate RAL 7035	
- Smoked transparent window in polycarbonate	
- Recomendade for external use: UV protection under ISO standard 4892-2 method A:1000 h	


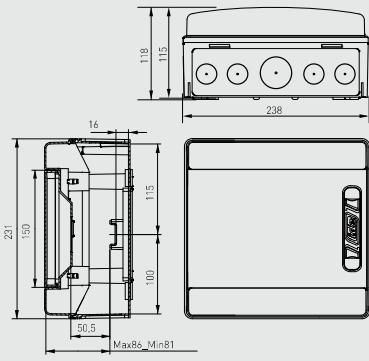
Accordin to Low Tension Directive 2006/95/CE.
Norms: UNE-EN 62208 IEC 62208:2011.


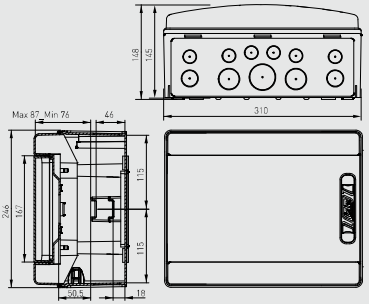
	Commercial Ref. CT3G <i>Grey with transparent window</i>	
	TYPE: 55SP3 - 1x3 modules DIN rail Cable entries sup.: 1xM25 inf.: 1xM25	
IP55 - RAL7035		


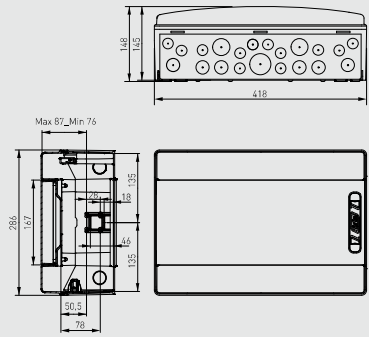
	Commercial Ref. CT4G <i>Grey with transparent window</i>	
	TYPE: 55SP4 - 1x4 modules DIN rail Cable entries sup.: 1xM25 inf.: 1xM25	
IP55 - RAL7035		

	Commercial Ref. ABS	
	CDN4PT/RR	
	CDN4PT	
	<i>Grey with transparent window</i>	
	POLYCARBONATE CDP4PT/RR CDP4PT <i>Grey with transparent window</i>	
TYPE: 65S04 - 1x4 modules DIN rail Cable entries sup.: 2xM25 + 1xM40 inf.: 2xM25 + 1xM40 Oblong back: 2xOB25_25		
IP65 - RAL7035		


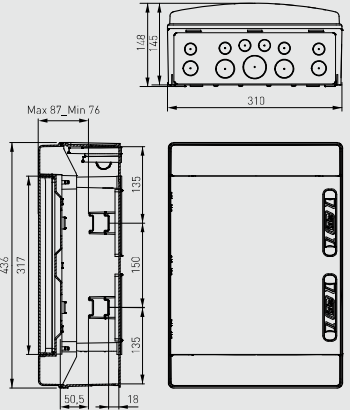
	Commercial Ref. ABS	
	CDN6PT/RR	
	CDN6PT	
	<i>Grey with transparent window</i>	
	POLYCARBONATE CDP6PT/RR CDP6PT <i>Grey with transparent window</i>	
TYPE: 65S06 - 1x6 modules DIN rail Cable entries sup.: 2xM25 + 1xM40 inf.: 2xM25 + 1xM40 Oblong back: 2xOB25_25		
IP65 - RAL7035		


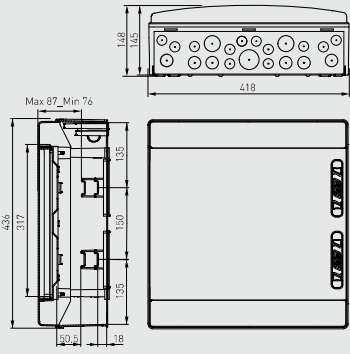
	Commercial Ref. ABS CDN8PT/RR CDN8PT <i>Grey with transparent window</i>	
	POLYCARBONATE CDP8PT/RR CDP8PT <i>Grey with transparent window</i>	
IP65 - RAL7035	TYPE: 65S08 - 1x8 modules DIN rail Cable entries sup.: 4xM25 + 1xM40 inf.: 4xM25 + 1xM40 Oblong back: 2xOB25_25	

	Commercial Ref. ABS CDN12PT/RR CDN12PT <i>Grey with transparent window</i>	
	POLYCARBONATE CDP12PT/RR CDP12PT <i>Grey with transparent window</i>	
IP65 - RAL7035	TYPE: 65S12 - 1x12 modules DIN rail Cable entries sup.: 6xM20 + 2xM25 + 2xM32 + 1xM40 inf.: 6xM20 + 2xM25 + 2xM32 + 1xM40 int.: 4xM25 Oblong back: 2xOB25_32_25	

	Commercial Ref. ABS CDN18PT/RR CDN18PT <i>Grey with transparent window</i>	
	POLYCARBONATE CDP18PT/RR CDP18PT <i>Grey with transparent window</i>	
IP65 - RAL7035	TYPE: 65S18 - 1x18 modules DIN rail Cable entries sup.: 12xM20 + 6xM25 + 2xM32 + 1xM40 Inf.: 12xM20 + 6xM25 + 2xM32 + 1xM40 int.: 4xM25 Oblong back: 1xOB25_32_25	

/RR: References with earth and neutral bars.

	Commercial Ref. ABS CDN24PT/RR CDN24PT <i>Grey with transparent window</i>	
	POLYCARBONATE CDP24PT/RR CDP24PT <i>Grey with transparent window</i>	
<p>TYPE: 65S24 - 2x12 (24) modules DIN rail</p> <p>Cable entries</p> <p>sup.: 8xM20 + 2xM25 + 2xM32 + 1xM40</p> <p>Inf.: 6xM20 + 2xM25 + 2xM32 + 1xM40</p> <p>int.: 4xM25</p> <p>Oblong back: 2xOB25_32_25</p>		
<p>IP65 - RAL7035</p>		

	Commercial Ref. ABS CDN36PT2F/RR CDN36PT2F <i>Grey with transparent window</i>	
	POLYCARBONATE CDP36PT2F/RR CDP36PT2F <i>Grey with transparent window</i>	
<p>TYPE: 65S36 - 2x18 (36) modules DIN rail</p> <p>Cable entries</p> <p>sup.: 12xM20 + 6xM25 + 2xM32 + 1xM40</p> <p>inf.: 12xM20 + 6xM25 + 2xM32 + 1xM40</p> <p>int.: 4xM25</p> <p>Oblong back: 2xOB25_32_25</p>		
<p>IP65 - RAL7035</p>		

/RR: References with earth and neutral bars.



IP65 - RAL7035

Commercial Ref.

ABS

CDN36PT3F/RR

CDN36PT3F

Grey with transparent window

POLYCARBONATE

CDP36PT3F/RR

CDP36PT3F

Grey with transparent window

TYPE: 65S36 - 3x12 (36) modules DIN rail

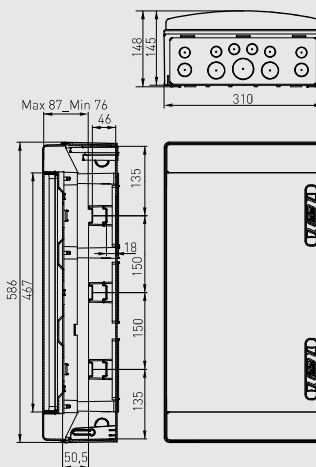
Cable entries

sup.: 8xM20 + 2xM25 + 2xM32 + 1xM40

inf.: 6xM20 + 2xM25 + 2xM32 + 1xM40

int.: 4xM25

Oblong back: 2xOB25_32_25



IP65 - RAL7035

Commercial Ref.

ABS

CDN54PT/RR

CDN54PT

Grey with transparent window

POLYCARBONATE

CDP54PT/RR

CDP54PT

Grey with transparent window

TYPE: 65S54 - 3x18 (54) modules DIN rail

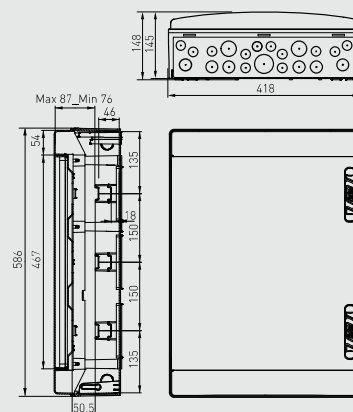
Cable entries

sup.: 12xM20 + 6xM25 + 2xM32 + 1xM40

inf.: 12xM20 + 6xM25 + 2xM32 + 1xM40

int.: 4xM25

Oblong back: 2xOB25_32_25



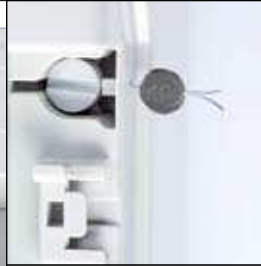
/RR: References with earth and neutral bars.

NewEcology ACCESSORIES

Pre-moulded cable entries for M40, M32, M25 & M20



Sealed screws in four points for easy installation



Possibility of key or triangle locks (available as accessories)



Smoked transparent window which provides UV protection



Removable chassis for models with two or more rows



ACCESSORIES

■ Base-frame inner hinge (24-36-54 modules) (2 pcs.)	77020
■ Grey modules-cover lid (6 modules)	77590
■ Hermetic caps	77650
■ Lock triangle (2 units) with key (1 unit)	92000
■ Security key	92150
■ M32 Lugs for joining enclosures (2 pcs./bag)	92579
■ M25 Cable gland (50 pcs./bag)	92580
■ M32 Cable gland (25 pcs./bag)	92582
■ M40 Cable gland (10 pcs./bag)	92584
■ M25 Nut	92581
■ M32 Nut	92583
■ M40 Nut	92585
■ M20 Membrane lid (10 pcs./bag)	92589
■ M25 Membrane lid (10 pcs./bag)	92590
■ M32 Membrane lid (10 pcs./bag)	92591
■ Membrane lids 1xM20+1xM25+2xM32 Nut (bag)	92592
■ Support + N+E barr (4-6 mod.) IP65	22000
■ Support + N+E barr (8 mod.) IP65	22001
■ Support + N+E barr (12 mod.) IP65	22002
■ Support + N+E barr (18-24 mod.) IP65	22003
■ Support + EE+NN barr (36 mod.) IP65	22004
■ Support + EE+NN barr (54 mod.) IP65	22005
■ New Ecology Standard lock	22010
■ New Ecology hinge	22012

WINDOWS	POLYCARBONATE TRANSPARENT
	Ref.
4 modules	86400
6 modules	86410
8 modules	86420
12 modules	86430
18 modules	86520
24 modules	86440
36 modules (2 rows)	86450
36 modules (3 rows)	86460
54 modules	86470

EARTH AND NEUTRAL BARS STRUCTURE

Box type	Ref.	Terminal I		Terminal II		Conectors
		N	E	N	E	
65S04	22000	4+1	4+1			2xØ4,5+2xØ5,5+1xØ8,5
65S06	22000	4+1	4+1			2xØ4,5+2xØ5,5+1xØ8,5
65S08	22001	8+1	8+1			4xØ4,5+4xØ5,5+1xØ8,5
65S12	22002	2+12	2+12			6xØ4,5+6xØ5,5+1xØ7,5+1xØ8,5
65S18	22003	2+16	2+16			8xØ4,5+8xØ5,5+1xØ7,5+1xØ8,5
65S24	22003	2+16	2+16			8xØ4,5+8xØ5,5+1xØ7,5+1xØ8,5
65S36	22004	2+24			2+24	12xØ4,5+12xØ5,5+1xØ7,5+1xØ8,5
65S54	22005	4+32			4+32	16xØ4,5+16xØ5,5+2xØ7,5+2xØ8,5

Ø7,5-7 25 mm² - Ø5,5 16 mm² - Ø4,5 10 mm²

Combi



Combi Series of surface distribution enclosures are supplied with transparent (UV protected) or opaque windows with vertical opening and an ergonomic design.

They are made from halogen free long-lasting plastic material. The cover can be clipped onto the base or fixed with screws. The DIN rail is mounted without screws while in the 24 and 36 modules units a stretcher is incorporated to facilitate its adjustment.

The base incorporates easy-breaking pre-moulded slots for cable entry (metric system), as well as on the sides allowing side by side assamblage of the enclosures.

Also, all of them are prepared for installation of earth and neutral bars.

These series are complemented with two types of sealable terminal-covers enclosures of two and four modules.

■ SURFACE DISTRIBUTION ENCLOSURES


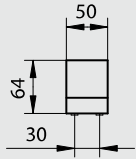
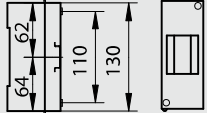



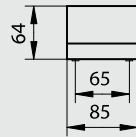
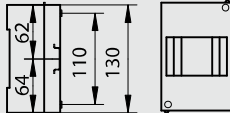
TECHNICAL DATA


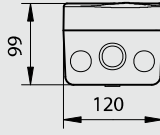
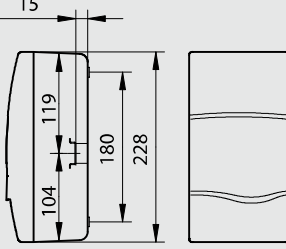
■ degree of protection	IP40*
■ resistance to impact	IK08
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Box: ABS - RAL9003	
- Opaque window: ABS - RAL9003	
- Transparent window: Polycarbonate - Smoked (UV protection)	


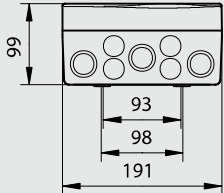
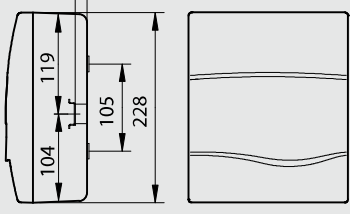
According to 2006/95/CE directive and EN 61439-1 and UNE-EN 61439-3 norms on affected parts.

*Except on 40SP2 and 40SP4 types

	Commercial Ref. BT2 <i>White/sealable</i>	 
	RAL9003 TYPE: 40SP2 - 1x2 modules DIN rail	

	Commercial Ref. BT4 <i>White/sealable</i>	 
	RAL9003 TYPE: 40SP4 - 1x4 modules DIN rail	

	Commercial Ref. BV4PT/RR BV4PT <i>White with transparent window</i>	 
	BV4PO/RR BV4PO <i>White with opaque window</i>	
	<i>Sealable: To seal the box is necessary to request the kit 25975</i>	
	TYPE: 40S04 - 1x4 modules DIN rail Cable entries sup.: 3xM25/32 left: 1xM25/32 inf.: 3xM25/32 right: 1xM25/32	
IP40 - RAL9003		

	Commercial Ref. BV8PT/RR BV8PT <i>White with transparent window</i>	 
	BV8PO/RR BV8PO <i>White with opaque window</i>	
	TYPE: 40S08 - 1x8 modules DIN rail Cable entries sup.: 4xM25 - 3xM25/32 left: 1xM25/32 inf.: 4xM25 - 3xM25/32 right: 1xM25/32	
	IP40 - RAL9003	



Commercial Ref.

BV12PT/RR

BV12PT

White with transparent window

BV12PO/RR

BV12PO

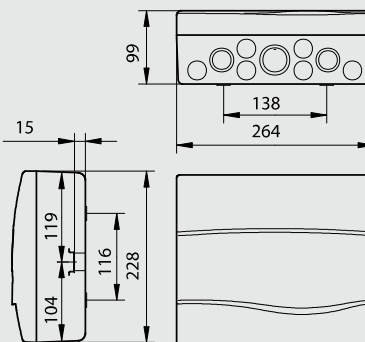
White with opaque window

TYPE: 40S12 - 1x12 modules DIN rail

Cable entries sup.: 6xM25 - 2xM25/32 - 1xM32/40

inf.: 6xM25 - 2xM25/32 - 1xM32/40

left: 1xM25/32 right: 1xM25/32



IP40 - RAL9003



Commercial Ref.

BV24PT/RR

BV24PT

White with transparent window

BV24PO/RR

BV24PO

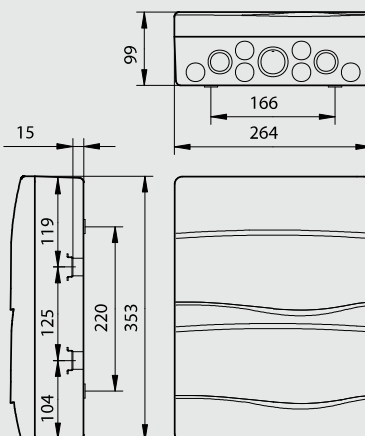
White with opaque window

TYPE: 40S24 - 2x12 (24) modules DIN rail

Cable entries sup.: 6xM25 - 2xM25/32 - 1xM32/40

inf.: 6xM25 - 2xM25/32 - 1xM32/40

left: 2xPG16/21 right: 2xPG16/21



IP40 - RAL9003



Commercial Ref.

BV36PT/RR

BV36PT

White with transparent window

BV36PO/RR

BV36PO

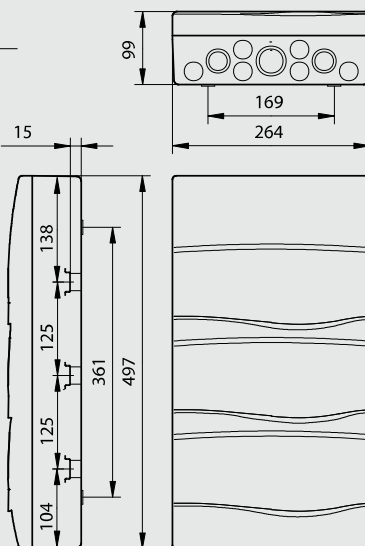
White with opaque window

TYPE: 40S36 - 3x12 (36) modules DIN rail

Cable entries sup.: 6xM25 - 2xM25/32 - 1xM32/40

inf.: 6xM25 - 2xM25/32 - 1xM32/40

left: 2xPG16/21 right: 2xPG16/21



IP40 - RAL9003

Combi ACCESSORIES

Vertical window opening with upper fixing



Sealable four modules enclosure

Enclosures can be closed by pressure or by screws



Possibility of horizontal assemblage of the enclosures

Optional insulating bar support



Quick mounting of DIN rail without screws

ACCESSORIES

■ Sealable kit for 4 modules boxes	25795	■ Hermetic caps	77650
■ Joining cap for 40S04, 40S08, 40S12	77350	■ 6 entries earth & neutral bars	92303
■ Joining cap for 40S24, 40S36	77351	■ 10 entries earth & neutral bars	92304
■ Insulating bar support	77540	■ 14 entries earth & neutral bars	92301
■ White modules-cover lid (6 modules)	77600		

EARTH AND NEUTRAL BARS STRUCTURE

WINDOWS	WHITE OPAQUE	TRANSPARENT
	Ref.	Ref.
4 modules	76420	76790
8 modules	76440	76800
12-24-36 modules	76460	76760

Box type	Ref.	Terminal I		Terminal II		Connectors
		N	E	N	E	
40S04	92303	4+2	4+2			2xØ5,5+4+Ø4,5
40S08	92304	8+2	8+2			1xØ7+1xØ5,5+8xØ4,5
40S12	92301	12+2	12+2			1xØ7+1xØ5,5+12xØ4,5
40S24	92304	8+2	8+2	8+2	8+2	1xØ7+1xØ5,5+8xØ4,5
40S36	92301	12+2	12+2	12+2	12+2	1xØ7+1xØ5,5+12xØ4,5

Ø 7,5-7 25mm² - Ø 5,5 16mm² - Ø 4,5 10mm²

Oro



■ FLUSH-FIT DISTRIBUTION ENCLOSURES



ORO Series flush-fit distribution enclosures are supplied with transparent (UV protected) or opaque windows with vertical opening and an ergonomic design.

They are made from halogen free long-lasting plastic material. The cover can be clipped onto the base or fixed with screws. The DIN rail is mounted without screws while on the 24 and 36 modules units a stretcher is incorporated to facilitate its adjustment.

The base incorporates easy-breaking pre-moulded slots for cable entry (metric system), as well as on the sides allowing side by side wiring of the enclosures. Reinforced cores on the back of the bases confer more strength to the enclosure


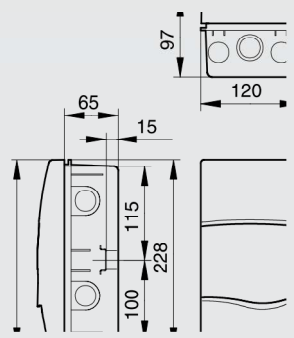
Also, all of them are prepared for installation of earth and neutral bars.


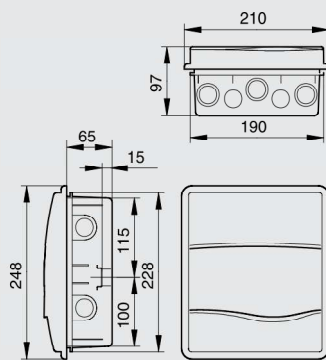



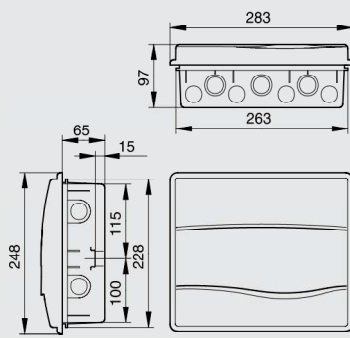
TECHNICAL DATA

■ degree of protection	IP40
■ resistance to impact	IK08
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Box: ABS - RAL9003	
- Opaque window: ABS - RAL9003	
- Transparent window: Polycarbonate - Smoked (UV protection)	

According to 2006/95/CE directive and EN 61439-1 and UNE-EN 61439-3 norms on affected parts.

	Commercial Ref. BM4PT/RR BM4PT <i>White with transparent window</i>	
	BM4PO/RR BM4PO <i>White with opaque window</i>	
<p>Sealable: To seal the box is necessary to request the kit 25975</p> <p>TYPE: 40E04 - 1x4 modules DIN rail WALL RECESS: 120x228x65 mm Cable entries up & down: 2xM25/32 - 1xM25/32 left & right: 2xM25</p>		
<p>IP40 - RAL9003</p>		

	Commercial Ref. BM8PT/RR BM8PT <i>White with transparent window</i>	
	BM8PO/RR BM8PO <i>White with opaque window</i>	
<p>TYPE: 40E08 - 1x8 modules DIN rail WALL RECESS: 190x228x65 mm Cable entries up & down: 2xM25 - 3xM25/32 left & right: 2xM25</p>		
<p>IP40 - RAL9003</p>		

	Commercial Ref. BM12PT/RR BM12PT <i>White with transparent window</i>	
	BM12PO/RR BM12PO <i>White with opaque window</i>	
<p>TYPE: 40E12 - 1x12 modules DIN rail WALL RECESS: 263x228x65 mm Cable entries up & down: 4xM25 - 2xM25/32 - 1xM32/40 left & right: 2xM25</p>		
<p>IP40 - RAL9003</p>		



Commercial Ref.

BM24PT/RR

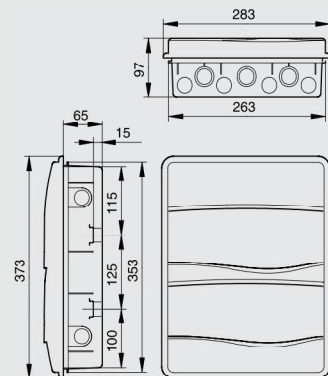
BM24PT

White with transparent window

BM24PO/RR

BM24PO

White with opaque window



Type: 40E24 - 2x12(24) modules DIN rail
 WALL RECESS: 263x353x65 mm
 Cable entries: up & down: 4xM25 - 2xM25/32 - 1xM32/40
 left & right: 2xM25

IP40 - RAL9003



Commercial Ref.

BM36PT/RR

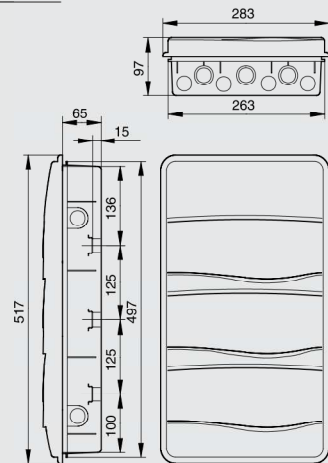
BM36PT

White with transparent window

BM36PO/RR

BM36PO

White with opaque window



Type: 40E36 - 3x12 (36) modules DIN rail
 WALL RECESS: 263x497x65 mm
 Cable entries: up & down: 4xM25 - 2xM32 - 1M32/40
 left & right: 2xM25

IP40 - RAL9003

/RR: References with earth and neutral bars.

Oro ACCESSORIES

Enlarged frame to cover
embedded surface



Quick mounting of DIN
rail without screws



Vertical window
opening with upper
fixing



Enclosures can be closed
by pressure or by screws



Optional insulating bar
support

ACCESSORIES

■ Sealable kit for 4 modules boxes	25795	■ 6 entries earth & neutral bars	92303
■ Insulating bar support	77540	■ 10 entries earth & neutral bars	92304
■ White modules-cover lid (6 modules)	77600	■ 14 entries earth & neutral bars	92301

EARTH AND NEUTRAL BARS STRUCTURE

WINDOWS	WHITE OPAQUE	TRANSPARENT
	Ref.	Ref.
4 modules	76420	76790
8 modules	76440	76800
12-24-36 modules	76460	76760

Box type	Ref.	Terminal I		Terminal II		Connectors
		N	E	N	E	
40E04	92303	4+2	4+2			2x05,5+4+04,5
40E08	92304	8+2	8+2			1x07+1x05,5+8x04,5
40E12	92301	12+2	12+2			1x07+1x05,5+12x04,5
40E24	92304	8+2	8+2	8+2	8+2	1x07+1x05,5+8x04,5
40E36	92301	12+2	12+2	12+2	12+2	1x07+1x05,5+12x04,5

Ø 7,5-7 25mm² - Ø 5,5 16mm² - Ø 4,5 10mm²

Silver



■ IP40 FLUSH-FIT DISTRIBUTION ENCLOSURES WITH METALLIC DOOR



The range of flush-fit distribution boards with metallic door offers a modular capacity from 12 to 56 modules. Silver series are available with opaque white colour RAL 9003. Silver's design allows the maximum accessibility once installed.

Reversible door with possibility of opening the door to the right or left. Easy mounting system, with top and bottom cable entries which facilitate the cable access, and premoulded packaging in order to protect the box when installing.

All boxes included standard wall fittings accessories and Earth and Neutral kits.

Designed for commercial or residential sector, its design gives a proper integration in any ambience.




TECHNICAL DATA

■ degree of protection	IP40
■ resistance to impact	IK08
■ test of resistance to glow wire	650° C
■ protection	Class II
■ materials:	
- Case: Non-flammable plastic	
- Frame and door: Metal sheet	
- Color: white RAL9003	

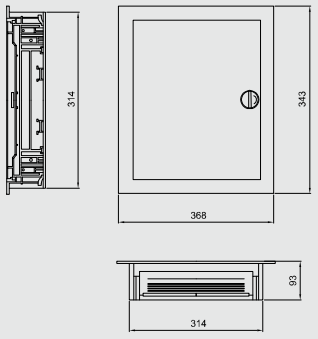
According to Norm 2006/95/CE.

Norms: IEC-EN 62208 and EN 61439-1 on affected parts.




Commercial Ref.
SIL12PO
White with metallic opaque window

TYPE: 40SIL12 - 12+2 MODULES - 1 ROW
EMBEDED DIMENSIONS: 314x314x93

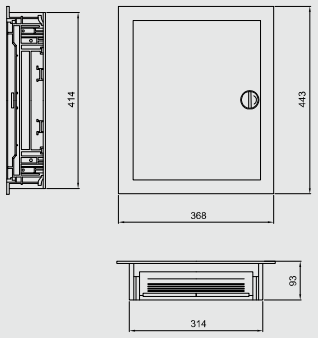


IP40 - RAL9003




Commercial Ref.
SIL24PO
White with metallic opaque window

TYPE: 40SIL24 - 24+4 MODULES - 2 ROW
EMBEDED DIMENSIONS: 414x314x93

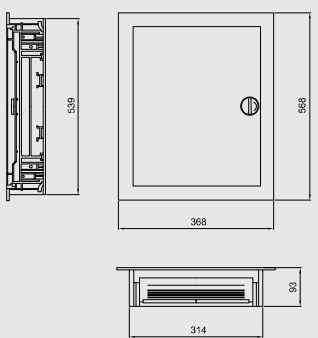


IP40 - RAL9003




Commercial Ref.
SIL36PO
White with metallic opaque window

TYPE: 40SIL36 - 36+6 MODULES - 3 ROW
EMBEDED DIMENSIONS: 539x314x93

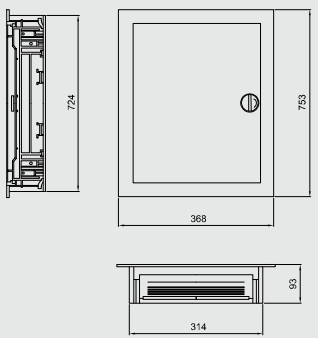


IP40 - RAL9003



Commercial Ref.
SIL48PO
White with metallic opaque window

TYPE: 40SIL48 - 48+8 MODULES - 4 ROW
EMBEDED DIMENSIONS: 724x314x93



IP40 - RAL9003

ACCESSORIES

- Security key 22020
- Bag accessories for hollow walls 22021

Habitat

■ HOLLOW WALL ENCLOSURES



The HABITAT Series can be installed in hollow or modular walls like plaster, plasterwood, wood, etc. They can also be built-in in brick or solid walls. Horizontal windows are reversible with a 180° opening angle, in opaque version.

They are made from halogen free long-lasting plastic material.

The frame is fixed to the base by screws and it includes a level adjustment device to be used in order to correct uneven installations (2° angle of adjustment). Top and bottom cable entry lids are detachable and pre-moulded, providing easy wiring and handling. Also, cable ties attached to the flanges confer a neat cable distribution.


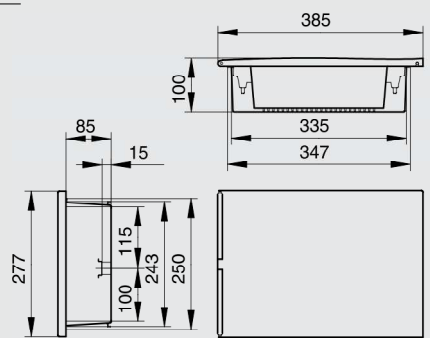
The cover lid is clipped-on to the base, the distance between DIN rails is of 150 mm. and between DIN rails and base of 20 mm. They can be either clipped-on or screwed to the frame.


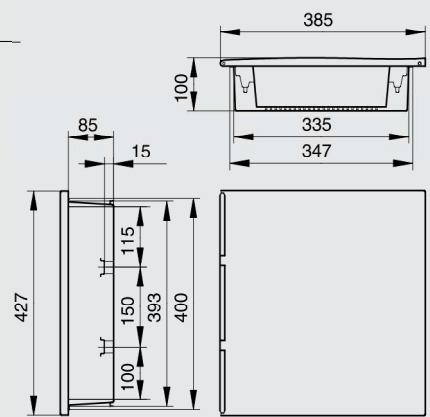
Supplied with earth and neutral bars.


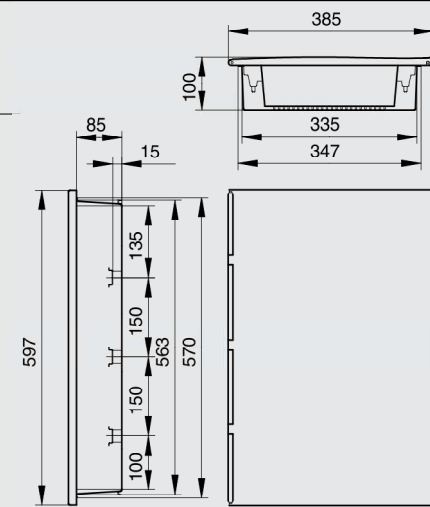
TECHNICAL DATA

■ degree of protection	IP30
■ resistance to impact	IK08
■ test of resistance to glow wire	
- Ref. PH for embedded base	850° C
for rest of enclosure	650° C
- Ref. EM	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Box: ABS - RAL9003	
- Opaque window: ABS - RAL9003	

According to 2006/95/CE directive and EN 61439-1 and UNE-EN 61439-3 norms on affected parts.

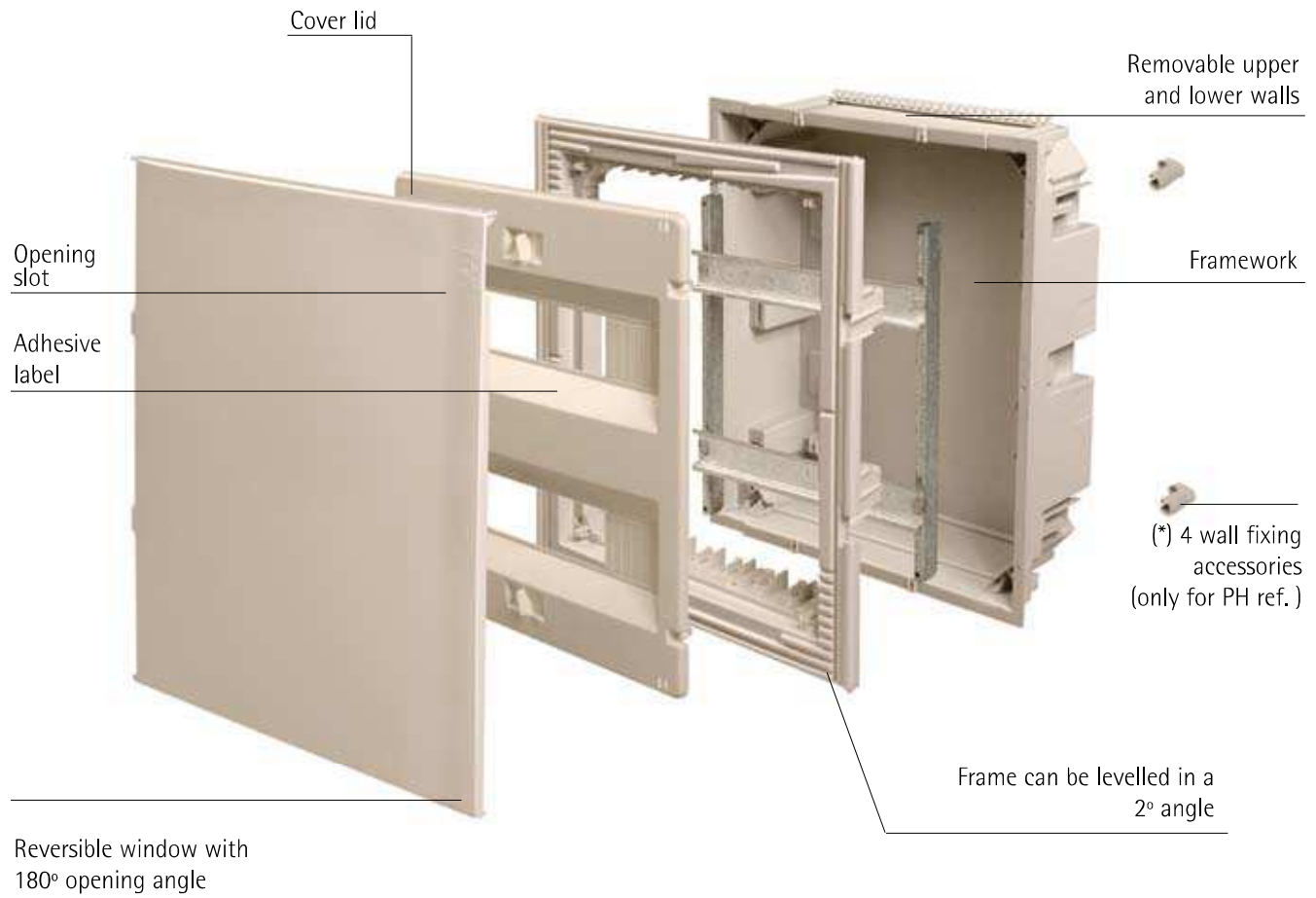
	<p>To flush-fit in standard walls Commercial Ref. EM14BO <i>White with opaque window</i></p>	
	<p>To flush-fit in hollow walls Commercial Ref. PH14BO <i>White with opaque window</i></p>	
<p>IP30 - RAL9003</p>	<p>TYPE: 30P14 - 1x14 modules DIN rail WALL RECESS: 335x243x85 mm</p>	

	<p>To flush-fit in standard walls Commercial Ref. EM28BO <i>White with opaque window</i></p>	
	<p>To flush-fit in hollow walls Commercial Ref. PH28BO <i>White with opaque window</i></p>	
<p>IP30 - RAL9003</p>	<p>TYPE: 30P28 - 2x14 (28) modules DIN rail WALL RECESS: 335x393x85 mm</p>	

	<p>To flush-fit in standard walls Commercial Ref. EM42BO <i>White with opaque window</i></p>	
	<p>To flush-fit in hollow walls Commercial Ref. PH42BO <i>White with opaque window</i></p>	
<p>IP30 - RAL9003</p>	<p>TYPE: 30P42 - 3x14 (42) modules DIN rail WALL RECESS: 335x563x85 mm</p>	

Earth and neutral bars included

■ STANDARD MODEL *



Habitat ACCESSORIES

14 Modules capacity per row. Earth and neutral bars are installed in isolated supports snapped on to the frame



Enclosure is installed in the wall by turning the fixing screws clockwise



Removable and pre-moulded upper and lower walls provide easy wiring. Cable ties attached to the flanges allow a right duit connection



Sealable cover is clipped on the frame. A tool must be used for opening (under normatives)



Distance between rails is 150 mm

ACCESSORIES

- | | | | |
|--|--------------|---|--------------|
| ■ Cover lid for 30P14 | 74702 | ■ Hollow wall fixing element* | 94037 |
| ■ Cover lid for 30P28 | 74712 | ■ 14/28/42 modules DIN Rail | 92765 |
| ■ Cover lid for 30P42 | 74722 | ■ 6 entries earth & neutral bars (150 pcs.bag) | 92303 |
| ■ Earth and neutral bar support under pressure | 77540 | ■ 10 entries earth & neutral bars (100 pcs.bag) | 92304 |
| ■ White modules-cover lid (6 modules) | 77600 | ■ 14 entries earth & neutral bars (80 pcs.bag) | 92301 |

EARTH AND NEUTRAL BARS STRUCTURE

WINDOWS	OPAQUE
	Ref.
14 modules	76902
28 modules	76912
42 modules	76922

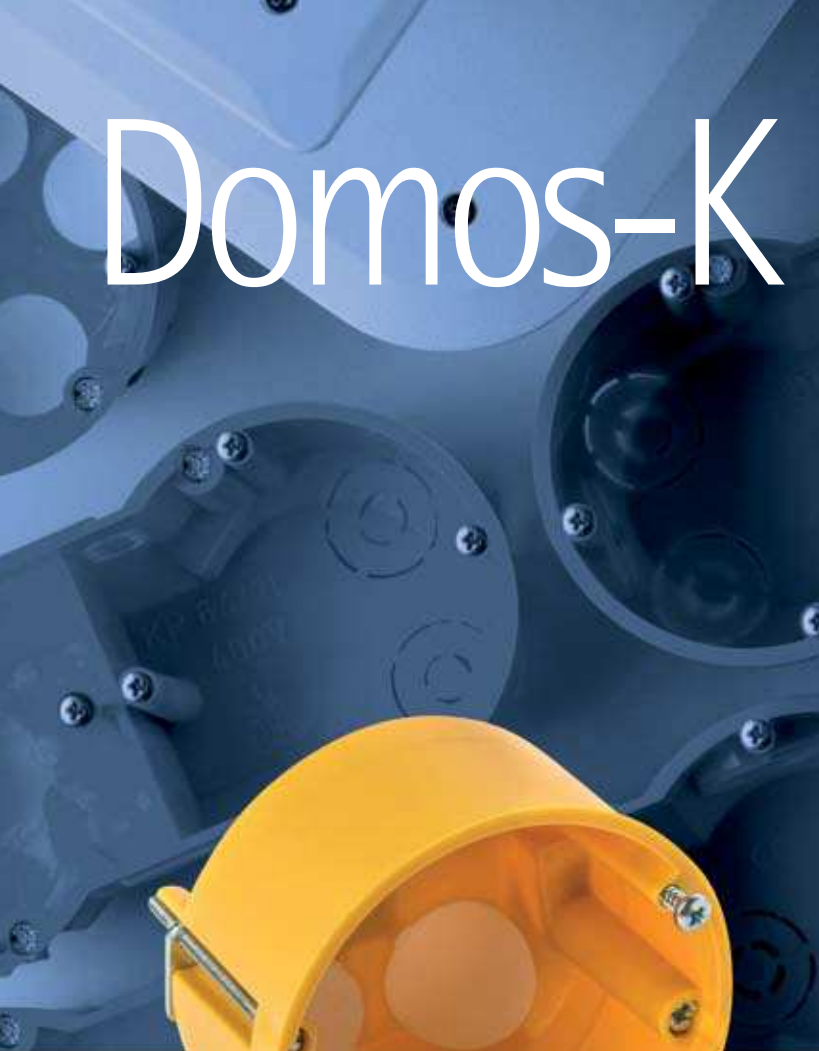
Box type	Ref.	Terminal I		Terminal II		Connectors
		N	E	N	E	
30E-PH14	92301	12+2	12+2			1xØ7+1xØ5,5+12xØ4,5
30E-PH28	92304	8+2	8+2	8+2	8+2	1xØ7+1xØ5,5+8xØ4,5
30E-PH42	92301	12+2	12+2	12+2	12+2	1xØ7+1xØ5,5+12xØ4,5

Ø 7,5-7 25mm² - Ø 5,5 16mm² - Ø 4,5 10mm²

* This accessory is supplied with PH references

Domos-K

■ ELECTRICAL COMPONENTS AND DERIVATIONS BOXES FOR HOLLOW WALLS



Boxes for electrical components specially designed to be installed in plasterboard and prefabricated walls.

Those boxes are designed for circuits under 400V in Alternating Current and maximum intensity of 16A. Made from Auto-extinguishing PVC (free of Pb.).


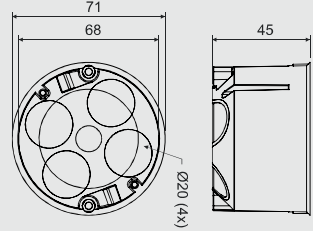
Boxes type D70 contain fitted screws for assembling in hollow walls supplied mounted. Boxes type CT contain screwed lid and screws for assembling included in bag inside the carton box, except referencie CT217/K it is supplied with screws mounted.


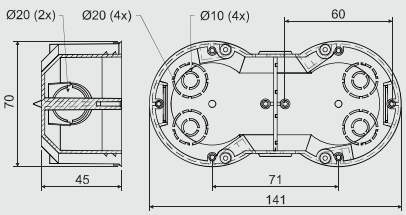



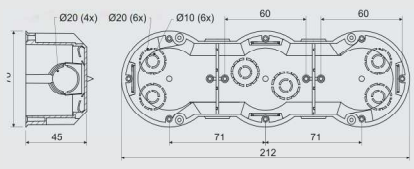
TECHNICAL DATA

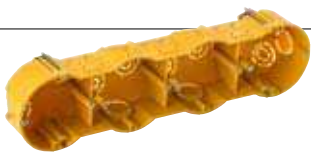
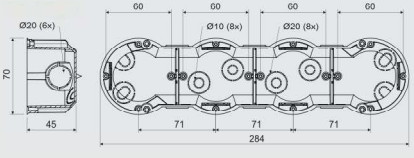
- test of resistance to glow wire **850° C**
- range of atmosphere temperature **-5°/+60° C**
- fire clasification on the embeded material: **A1-F**


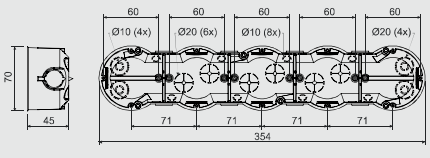
*According to Norm 2006/95/CE
Norm: IEC-EN 60670-1.*

	Commercial Ref. D70/1K	
	<i>1 diameter 70 - with screws mounted</i>	
TYPE: 30DE70 WALL RECESS: Ø68x45 mm ENTRY HOLES: 4xØ20 / 4xØ10		

	Commercial Ref. D70/2K	
	<i>2 diameter 70 - with screws mounted</i>	
TYPE: 30DE70 WALL RECESS: 142x70x45 mm ENTRY HOLES: 6xØ20 / 4xØ10 / 4xØ10x20		

	Commercial Ref. D70/3K	
	<i>3 diameter 70 - with screws mounted</i>	
TYPE: 30DE70 WALL RECESS: 213x70x45 mm ENTRY HOLES: 10xØ20 / 6xØ10 / 8xØ10x20		

	Commercial Ref. D70/4K	
	<i>4 diameter 70 - with screws mounted</i>	
TYPE: 30DE70 WALL RECESS: 285x70x45 mm ENTRY HOLES: 14xØ20 / 8xØ10 / 12xØ10x20		

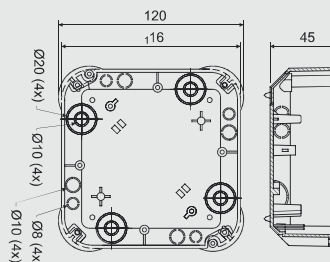
	Commercial Ref. D70/5K	
	<i>5 diameter 70 - with screws mounted</i>	
TYPE: 30DE70 WALL RECESS: 354x70x45 mm ENTRY HOLES: 18xØ20 / 12xØ10 / 14xØ10x20		



Commercial Ref.
CT115/K

With metallic screws and partition wall - Diameter 40

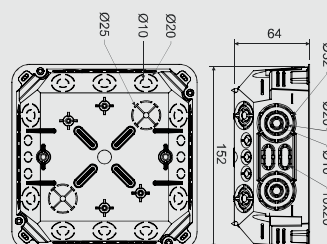
TYPE: 30DE70
WALL RECESS: 115x115x45 mm
ENTRY HOLES: 4xØ20 / 12xØ10



Commercial Ref.
CT155/K

With metallic screws - Diameter 40

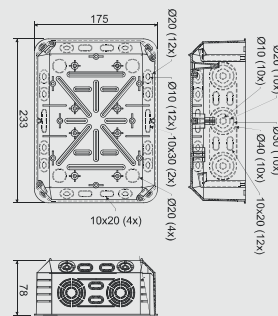
TYPE: 30DE70
WALL RECESS: 155x155x64 mm
ENTRY HOLES: 8xØ30 / 4xØ16 / 6xØ25
20xØ10 / 14xØ20 / 8xØ10x20



Commercial Ref.
CT217/K

With metallic screws mounted - Diameter 40

TYPE: 30DE70
WALL RECESS: 234x176x79 mm
ENTRY HOLES: 2xØ30 / 6xØ20 / 2x12
4xØ10 / 2xØ8



Domos-K ACCESSORIES

The case backside of the box has a guide which allows easily the drill position



Elastic material for cable entries keeping in that sense the box hermeticism when introducing cables or pipes avoiding air flow through the installation (only in reference D70/K)



High rigidity materials that make easier to install



Mounting screws are provided with threaded triple step for easier installation



Derivation boxes with screws lid. Reference CT217/K it is supplied with screws mounted



Reference CT115/K supplied with partition wall



Domos

■ DERIVATION and SWITCH BOXES



DOMOS Series derivation switchboxes are designed for installation of electrical and telecommunication networks. They are made **from halogen free** high resistance plastic material and present slotted bases for internal fixing of elements and cutted-out cable entries.


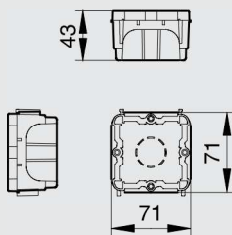



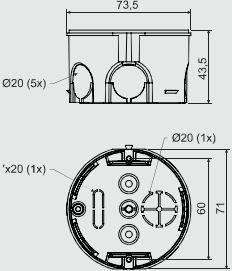
TECHNICAL DATA


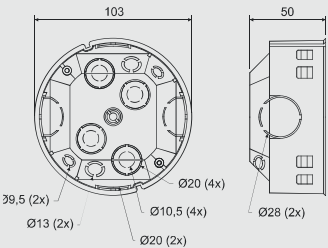
■ degree of protection	IP33*
■ resistance to impact	IK07
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Base: black PS	
- Lid: PS - RAL9003	

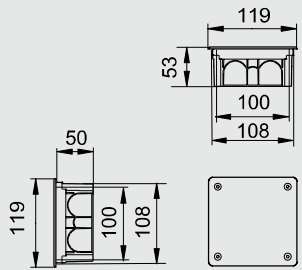
According to 2006/95/CE directive and IEC 60998-2-5 norm and UNE-EN60670-1


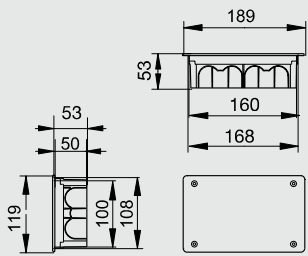
** Except for ref. D88*


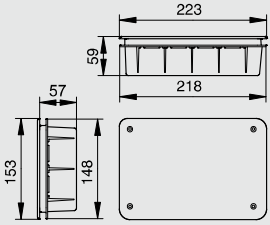
	Commercial Ref. D88 <i>With metallic screws</i>	
	TYPE: 30DE80 WALL RECESS: 71x71x43 mm	


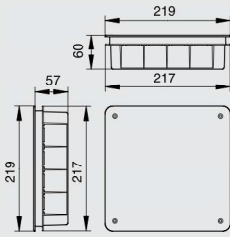
	Commercial Ref. D70 <i>With plastic clips</i>	
	IP30 - RAL9003 TYPE: 30DE70 WALL RECESS: Ø73x42	


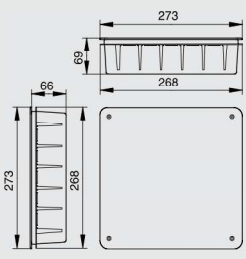
	Commercial Ref. D100 <i>With plastic clips</i>	
	IP30 - RAL9003 TYPE: 30DE100 WALL RECESS: Ø103x50	


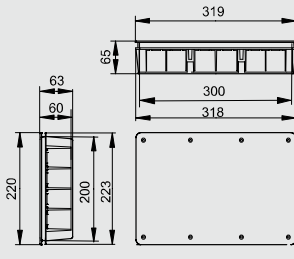
	Commercial Ref. CT110 <i>With metallic screws</i>	
	D110 <i>With plastic clips</i> TYPE: 30DE110 WALL RECESS: 108x108x50 mm	


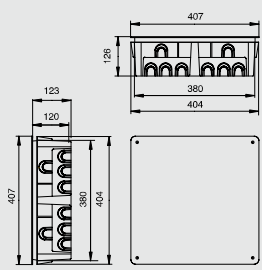
	Commercial Ref. CT114 <i>With metallic screws</i>	
	D114 <i>With plastic clips</i> IP33 - RAL9003 TYPE: 30DE114 WALL RECESS: 168x108x50 mm	


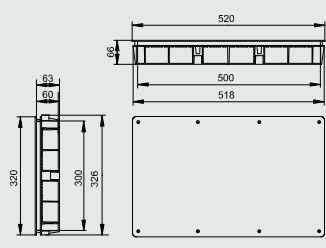
	Commercial Ref. CT210 <i>With metallic screws</i>	
	D210 <i>With plastic clips</i> TYPE: 30DE210 WALL RECESS: 218x148x57 mm	

	Commercial Ref. CT220 <i>With metallic screws</i>	
	TYPE: 30DE220 WALL RECESS: 217x217x57 mm	






	Commercial Ref. CT225 <i>With metallic screws</i>	
	TYPE: 30DE225 WALL RECESS: 268x268x66 mm	

	Commercial Ref. CT326 <i>With metallic screws</i>	
	TYPE: ICT RTR RTV-TLCA WALL RECESS: 223x318x63 mm	

	Commercial Ref. CT338 <i>With metallic screws</i>	
	TYPE: ICT RP 3838 WALL RECESS: 404x404x123 mm	

	Commercial Ref. CT536 <i>With metallic screws</i>	
	TYPE: ICT RTR INT. WALL RECESS: 326x520x63 mm	

Domos ACCESSORIES

			<p>Lid for switch enclosures</p>
<p>Dividing strip</p>			
			<p>Slotted base for internal fixing of elements</p>
<p>Cut-out cable entries</p>			
			<p>Clip-on closing system with plastic clips</p>

ACCESSORIES

■ 4x13 screw for lid	92611
■ Switch box lid for D88 (125 pcs. bag)	94380
■ Dividing strip for CT536	94390
■ Screwed lid for CT110	74480
■ Clipped-on lid for D110	74485
■ Screwed lid for CT114	74450
■ Clipped-on lid for D114	74455
■ Screwed lid for CT210	74510
■ Clipped-on lid for D210	74512
■ Screwed lid for CT220	74490
■ Screwed lid for CT225	74515
■ Screwed lid for CT326	74460
■ Screwed lid for CT338	74500
■ Screwed lid for CT536	74470

Light



■ TIGHT JUNCTION BOXES



LIGHT Series tight derivation boxes are sealable and made from halogen free long lasting plastic material.

Include 25 and 40 mm conical cable glands on the EV versions, premoulded entries on the EX versions and plain sides on the EL references. 1/4 turn unloosable and sealable screws are incorporated for fixing the lids to the bases.

The motor protection boxes have inside space for larger size mechanism's installation, and they are available with transparent and opaque lids.


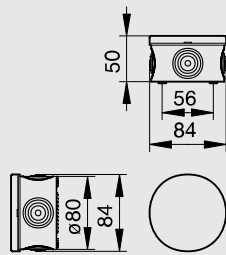
All enclosures are adapted to the metric system and include supports for installation of DIN rail and mounting plates on the base.


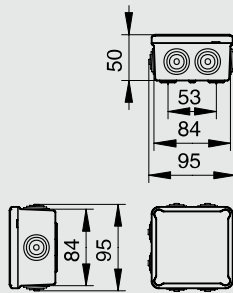
TECHNICAL DATA


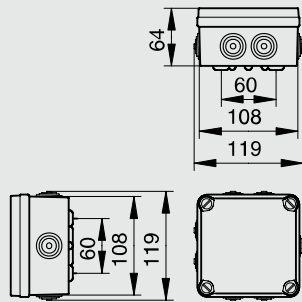
■ degree of protection	IP65 / IP67*
■ resistance to impact	IK07
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C
■ halogen free materials:	
- Box and opaque lid: PS RAL7035	
- Transparent lid: Polycarbonate (UV protected)	


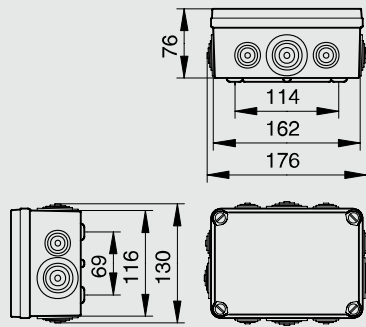
According to 2006/95/CE directive; IEC 60998-2-5.

* Except EP048, EP088 and EX088 (IP54)

	Commercial Ref. EP048 <i>With conical cable-glands</i>	
	TYPE: 55DS048 IP54 - RAL7035	

	Commercial Ref. EP088 <i>With conical cable-glands</i>	
	EX088 <i>With pre moulded cable-entries</i> TYPE: 55DS088	
IP54 - RAL7035		

	Commercial Ref. EV111 <i>With conical cable-glands</i>	
	EX111 <i>With pre moulded cable-entries</i> EL111 <i>Plain sides</i> TYPE: 55DS111	
IP65-IP67 - RAL7035		

	Commercial Ref. EV161 <i>With conical cable-glands</i>	
	EX161 <i>With pre moulded cable-entries</i> EL161 <i>Plain sides</i> TYPE: 55DS161	
IP65-IP67 - RAL7035		



Commercial Ref.

EV171

With conical cable-glands, opaque lid

EX171

With premoulded cable-entries, opaque lid

EL171

Plain sides, opaque lid

EVT171

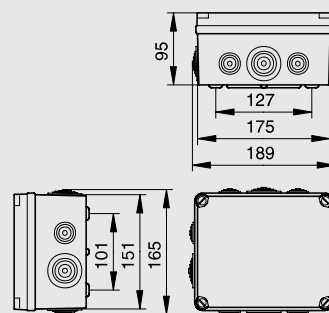
With conical cable-glands, transparent lid

EXT171

With premoulded cable-entries, transparent lid

ELT171

Plain sides, transparent lid



IP65-IP67 - RAL7035

TYPE: 55DS171

Cable entries: 6xM25 - 4xM25/40



Commercial Ref.

EV231

With conical cable-glands, opaque lid

EX231

With premoulded cable-entries, opaque lid

EL231

Plain sides, opaque lid

EVT231

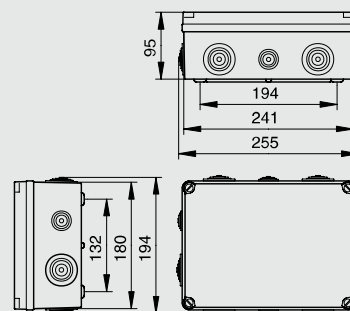
With conical cable-glands, transparent lid

EXT231

With premoulded cable-entries, transparent lid

ELT231

Plain sides, transparent lid



IP65-IP67 - RAL7035

TYPE: 55DS231

Cable entries: 4xM25 - 6xM25/40



Commercial Ref.

EV322

With conical cable-glands, opaque lid

EX322

With premoulded cable-entries, opaque lid

EL322

Plain sides, opaque lid

EVT322

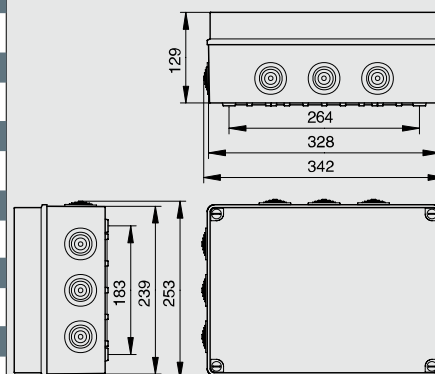
With conical cable-glands, transparent lid

EXT322

With premoulded cable-entries, transparent lid

ELT322

Plain sides, transparent lid



IP65-IP67 - RAL7035

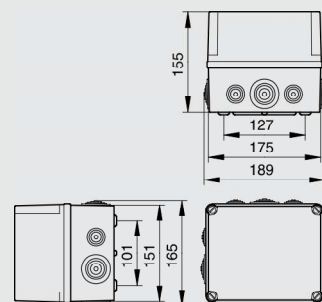
TYPE: 55DS322

Cable entries: 12xM25/40



Commercial Ref.

- GSV171**
With conical cable-glands, opaque lid
 - GSX171**
With premoulded cable-entries, opaque lid
 - GSL171**
Plain sides, opaque lid
 - GSVT171**
With conical cable-glands, transparent lid
 - GSXT171**
With premoulded cable-entries, transparent lid
 - GSLT171**
Plain sides, transparent lid
- TYPE: 55GS171



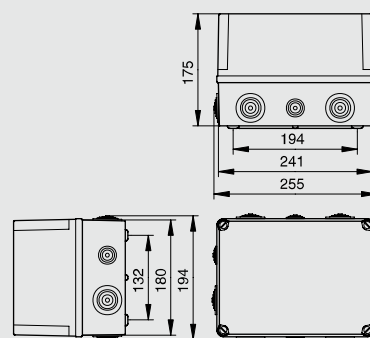
Cable entries: 6xM25 - 4xM25/40

IP65-IP67



Commercial Ref.

- GSV231**
With conical cable-glands, opaque lid
 - GSX231**
With premoulded cable-entries, opaque lid
 - GSL231**
Plain sides, opaque lid
 - GSVT231**
With conical cable-glands, transparent lid
 - GSXT231**
With premoulded cable-entries, transparent lid
 - GSLT231**
Plain sides, transparent lid
- TYPE: 55GS231



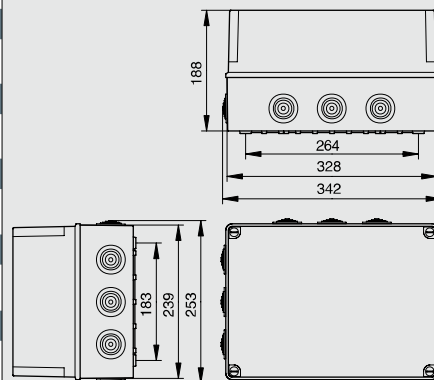
Cable entries: 4xM25 - 6xM25/40

IP65-IP67



Commercial Ref.

- GSV322**
With conical cable-glands, opaque lid
 - GSX322**
With premoulded cable-entries, opaque lid
 - GSL322**
Plain sides, opaque lid
 - GSVT322**
With conical cable-glands, transparent lid
 - GSXT322**
With premoulded cable-entries, transparent lid
 - GSLT322**
Plain sides, transparent lid
- TYPE: 55GS322



Cable entries: 12xM25/40

IP65-IP67



Commercial Ref.

40892

Tight box with premoulded cable-entries

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EX111 tight junction box			
1	IP44 schuko type socket	2P+E	16	220

Dimensions: 108x108x64 mm



Commercial Ref.

41045

Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL161 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
1	IP44 schuko type socket	2P+E	16	220

Dimensions: 162x116x76 mm



Commercial Ref.

41948

Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL161 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
1	IP44 schuko type socket	2P+E	16	220

Dimensions: 162x116x76 mm



Commercial Ref.

41493

Tight box with plain sides

Componentes

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL161 tight junction box			
2	IP44 schuko type socket	2P+E	16	220

Dimensions: 162x116x76 mm



Commercial Ref.

40936


Tight box with plain sides


Components


U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL171 tight junction box			
1	IP44 panel mounting sloping sockets	3P+E	16	380
2	IP44 schuko type socket	2P+E	16	220


Dimensions: 175x151x95 mm


LIGHT combination units

 <p>Dimensions: 241x180x95 mm</p>	Commercial Ref.			
	43377			
	<i>Tight box with plain sides</i>			
	Components			
U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
2	IP44 schuko type socket	2P+E	16	220


 <p>Dimensions: 241x180x95 mm</p>	Commercial Ref.			
	43371			
	<i>Tight box with plain sides</i>			
	Components			
U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
2	IP44 schuko type socket	2P+E	16	220

 <p>Dimensions: 241x180x95 mm</p>	Commercial Ref.			
	42054			
	<i>Tight box with plain sides</i>			
	Components			
U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
2	IP44 panel mounting sloping sockets	3P+N+E	16	380
2	IP44 schuko type socket	2P+E	16	220

 <p>Dimensions: 180x241x95 mm</p>	Commercial Ref.			
	43322			
	<i>Tight box with plain sides</i>			
	Components			
U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
3	IP44 schuko type socket	2P+E	16	220

 <p>Dimensions: 241x180x95 mm</p>	Commercial Ref.			
	42209			
	<i>Tight box with premoulded cable-entries</i>			
	Components			
U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EX231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+E	16	380
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
3	IP44 schuko type socket	2P+E	16	220

OTHER COMBINATIONS AVAILABLE UNDER REQUEST




Commercial Ref.
40427
Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL171 tight junction box			
4	IP44 schuko type socket	2P+E	16	220

Dimensions: 175x151x95 mm




Commercial Ref.
42129
Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+E	16	380
4	IP44 schuko type socket	2P+E	16	220

Dimensions: 241x180x95 mm




Commercial Ref.
43369
Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL322 tight junction box			
2	IP44 panel mounting sloping sockets	3P+N+E	32	380
4	IP44 schuko type socket	2P+E	16	220

Dimensions: 328x239x129 mm




Commercial Ref.
41177
Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
6	IP44 schuko type socket	2P+E	16	220

Dimensions: 241x180x95 mm



Commercial Ref.
43041
Tight box with plain sides

Components

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL322 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
6	IP44 schuko type socket	2P+E	16	220

Dimensions: 328x239x129 mm

Light ACCESSORIES

Plastic and metallic mounting plates



Possibility of internal mounting of connection terminals

Motor protection boxes allow installation of large elements as transformers or industrial switches



Different mounting compositions under request



Conical cable glands made of halogen free material (optional)

ACCESSORIES

■ Conical cable glands Ø25 (50 units)	77952
■ Conical cable glands Ø25 LH (50 units)	77953
■ Conical cable glands Ø40 (50 units)	77962
■ Conical cable glands Ø40 LH (50 units)	77963
■ Metallic plate for Ref. 171	92123
■ Metallic plate for Ref. 231	92125
■ Inferior metallic plate for Ref. 322	92127
■ Superior metallic plate for Ref.322	92129
■ Polyester plate for Ref. 111	92119
■ Polyester plate for Ref. 161	92121
■ Polyester plate for Ref. 171	92122
■ Polyester plate for Ref. 231	92124
■ Inferior polyester plate for Ref. 322	92126
■ Superior polyester plate for Ref. 322	92128
■ 3,9 x 9,5 screw for polyester and metallic plates	92609

American

■ ENCLOSURES for ELECTRICAL COMPONENTS


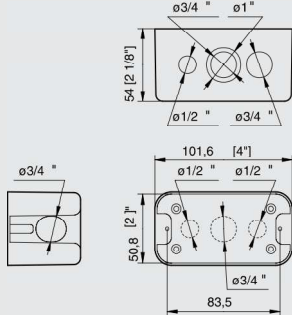



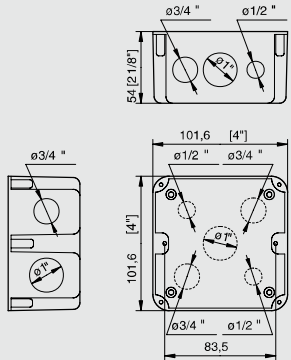
AMERICAN Series are manufactured from long-lasting **halogen free plastic material**. The distance between screws used to fix switches according to the American standards, as well as the cable entries with sizes of 1/2", 3/4" and 1". Available in both plain or drilled lids for installation of low voltage electrical components.


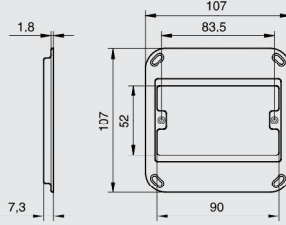



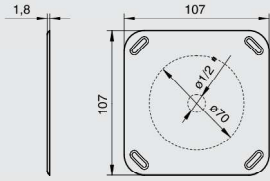
TECHNICAL DATA

■ degree of protection	IP20
■ resistance to impact	IK07
■ auto-extinguishing degree	HB (UL94)
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C

	Commercial Ref. 45080	
	<i>4" x 2" box without lid</i>	
RAL9003	<i>Cable entries: 4xØ1/2" - 3xØ3/4" - 2xØ1" - 2xØ3/4" 1"</i>	

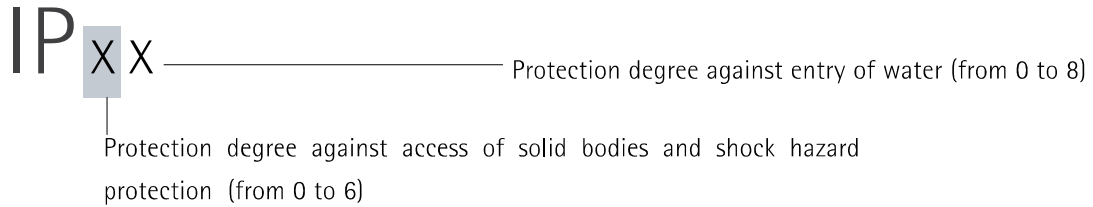
	Commercial Ref. 45081	
	<i>4" x 4" box without lid</i>	
RAL9003	<i>Cable entries: 4xØ1/2" - 6xØ3/4" - 5xØ1"</i>	

	Commercial Ref. 45082	
	<i>4" x 4" lid for electrical components</i>	
RAL9003		

	Commercial Ref. 45083	
	<i>4" x 4" blind lid</i>	
RAL9003		

■ TECHNICAL STANDARDS

IP: Protection degree against entry of foreign bodies and water to internal parts of the component.



■ DEGREE OF PROTECTION

IP	IP 0X	IP 1X	IP 2X	IP 3X	IP 4X	IP 5X	IP 6X
Shock hazard protection	Not protected	Protected against contact with back of hand (gauge probe diam. 50 mm.)	Protected against contact with finger (jointed metal finger diam. 12 mm. length 80 mm.)	Protected against contact with tool (gauge probe diam. 2,5 mm.)	Protected against contact with wire (gauge probe diam. 1 mm.)	Protected against contact with wire (gauge probe diam. 1 mm.)	Protected against contact with wire (gauge probe diam. 1 mm.)
Protection against entry of foreign bodies	Not protected	Solid body larger than 50 mm.	Solid body larger than 12,5 mm.	Solid body larger than 2,5 mm.	Solid body larger than 1 mm.	Dust in harmful quantities	Dust overall

■ DEGREE OF PROTECTION AGAINST ENTRY OF WATER


IP X0	IP X1	IP X2	IP X3	IP X4	IP X5	IP X6	IP X7	IP X8
Not protected	Protected against vertical dropping of water	Protected against vertical dropping of water over a component in a max. inclination degree of 15°	Protected against sprayed water	Protected against splashed water	Protected against water jets	Protected against strong water jets	Protected against temporary immersion in water	Protected against continuous immersion in water


IK: Degree of protection against impacts





IK	IK 00	IK 01	IK 02	IK 03	IK 04	IK 05	IK 06	IK 07	IK 08	IK 09	IP 10
Energy rate of impact (jules)	Not protected	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20


PACKING UNITS


PRYMA	Commercial Ref.	Qty. x Packing	Packing
	17.8.P	5	Individual
	17.8.M	5	Individual
	17.12.GM	2	Individual
	17.24.GM	2	Individual


STAR	Commercial Ref.	Qty. x Packing	Packing
	CS4PT	8	Individual
	CS6PT	6	Individual
	CS9PT	5	Individual
	CS13PT	4	Individual
	CSG13PT	1	Individual
	CS26PT	1	Individual


NEW ECOLOGY	Commercial Ref.	Qty. x Packing	Packing
	CT3G	17	Individual
	CT4G	15	Individual
	CDN/CDP4PT	12	Individual
	CDN/CDP6PT	12	Individual
	CDN/CDP8PT	8	Individual
	CDN/CDP12PT	5	Individual
	CDN/CDP18PT	4	Individual
	CDN/CDP24PT	4	Individual
	CDN/CDP36PT	2	consultar
	CDN/CDP54PT	1	Individual


COMBI	Commercial Ref.	Qty. x Packing	Packing
	BT2	36	Multiple
	BT4	24	Multiple
	BV4PT/PO	12	Individual
	BV8PT/PO	10	Individual
	BV12PT/PO	7	Individual
	BV24PT/PO	6	Individual
	BV36PT/PO	4	Individual


ORO	Commercial Ref.	Qty. x Packing	Packing
	BM4PT/PO	12	Individual
	BM8PT/PO	10	Individual
	BM12PT/PO	7	Individual
	BM24PT/PO	6	Individual
	BM36PT/PO	4	Individual


SILVER	Commercial Ref.	Qty. x Packing	Packing
	SIL12PO	1	Individual
	SIL24PO	1	Individual
	SIL36PO	1	Individual
	SIL48PO	1	Individual

HABITAT	Commercial Ref.	Qty. x Packing	Packing
	EM/PH14BO	5	Individual
	EM/PH28BO	4	Individual
	EM/PH42BO	4	Individual

DOMOS-K	Commercial Ref.	Qty. x Packing	Packing
	D70/1K	100	Multiple
	D70/2K	50	Multiple
	D70/3K	36	Multiple
	D70/4K	28	Multiple
	D70/5K	16	Multiple
	CT115/K	60	Multiple
	CT155/K	27	Multiple
	CT217/HT	12	Multiple

DOMOS	Commercial Ref.	Qty. x Packing	Packing
	D88	640	Multiple
	D70	100	Multiple
	D100	36	Multiple
	CT110	120	Multiple
	D110	120	Multiple
	CT114	70	Multiple
	D114	70	Multiple
	CT210	38	Multiple
	D210	38	Multiple
	CT220	18	Multiple
	CT225	14	Multiple
	CT326	9	Multiple
	CT338	2	Multiple
	CT536	7	Multiple

LIGHT	Commercial Ref.	Qty. x Packing	Packing
	EP048	134	Multiple
	EP088	184	Multiple
	EX088	208	Multiple
	EV111	85	Multiple
	EX/EL111	88	Multiple
	EV161	45	Multiple
	EX/EL161	48	Multiple
	EV/EX/EL171	26	Multiple
	EV231	16	Multiple
	EX/EL231	18	Multiple
	EV/EX/EL322	6	Multiple
	GSV/GSX/GSL171	12	Multiple
	GSV/GSX/GSL231	3	Multiple
	GSV/GSX/GSL322	2	Multiple

AMERICAN	Commercial Ref.	Qty. x Packing	Packing
	45080	269	Multiple
	45081	129	Multiple
	45082	500	Multiple
	45083	1300	Multiple

■ GENERAL EXPORT SALES CONDITIONS

These Sales Conditions are applied to all orders sent directly to **I DIVISIÓN ELÉCTRICA, S.A.** main office. They shall also be applied to those orders requested to any Agent or Representative authorized by **I DIVISIÓN ELÉCTRICA, S.A.**

Sales prices will be those in force at the time of the order, specified in a Price List duly identified. Benefits and discounts agreed in each case will also be applied.

Our prices include a standard packing. Orders must always be multiple of IDE's standard packing units. **I DIVISIÓN ELÉCTRICA, S.A.** may apply its right to modify requested units of any reference if not properly adjusted to multiple of packing.

Prices are quoted under EXWORK terms. Other conditions must be agreed between the customer and **I DIVISIÓN ELÉCTRICA, S.A.** Minimum order requirements €3,000.

Goods will be delivered at the shortest possible time depending on the availability of the requested products. Partial shipments can be allowed in case of urgency of delivery. IDE is not liable for any possible loss or harm during the transport of goods. Transport damage has to be confirmed immediately by the client, as there is otherwise no compensation.

Returned material must always be authorized by the Commercial Department of **I DIVISIÓN ELÉCTRICA, S.A.** Authorized returns should travel free of transport expenses to our warehouse. In any case, returns should be done within a maximum period of 30 days from the date of the order, unless there is a special agreement. All returned goods will have a minimum depreciation of 15% of its value due to our internal reviewing and restocking process. This depreciation could be higher due to the product conditions or manipulation needs.

Stipulated price will be paid by the BUYER in the due date. In the case of **I DIVISIÓN ELÉCTRICA, S.A.** accepting any payment postponement, the BUYER undertakes to accept subsequent rates and expenses.

All goods delivered are property of **I DIVISIÓN ELÉCTRICA, S.A.** until their full payment has been done. **I DIVISIÓN ELÉCTRICA, S.A.** does not accept any economic penalty due to delay in delivery time, unless there is a written and accepted agreement indicating it.

All goods manufactured by **I DIVISIÓN ELÉCTRICA, S.A.** are GUARANTEED according to current directives. In order to benefit from them, the BUYER must immediately acknowledge the detected anomaly to **I DIVISIÓN ELÉCTRICA, S.A.**

I DIVISIÓN ELÉCTRICA, S.A. is committed to replace without any charge defective goods, which will remain property of I DIVISION ELECTRICA, S.A. in order to analyze and correct the defects.

The GUARANTEE does not include products deteriorated by handling or inadequate assembly, improper storage or maintenance, or those products that have suffered any modification without previous written authorization by **I DIVISIÓN ELÉCTRICA, S.A.**

In case of litigation the BUYER will submit to the Jurisdiction of the Courts of Zaragoza – Spain, with renounce to any other law-code.