



UNIBOX Series

Enclosure and wiring accessories
IP40-IP55






UNIBOX Series

> ENCLOSURE FOR WIRING ACCESSORIES



> VERSIONS

	Surface mounting enclosure - IP40
	Surface mounting enclosure - IP55
	Flush mounting enclosure - IP55

> REFERENCE STANDARDS

EN 60670-1

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations.
Part 1: general requirements.

> QUALITY MARKS



> TECHNICAL CHARACTERISTICS

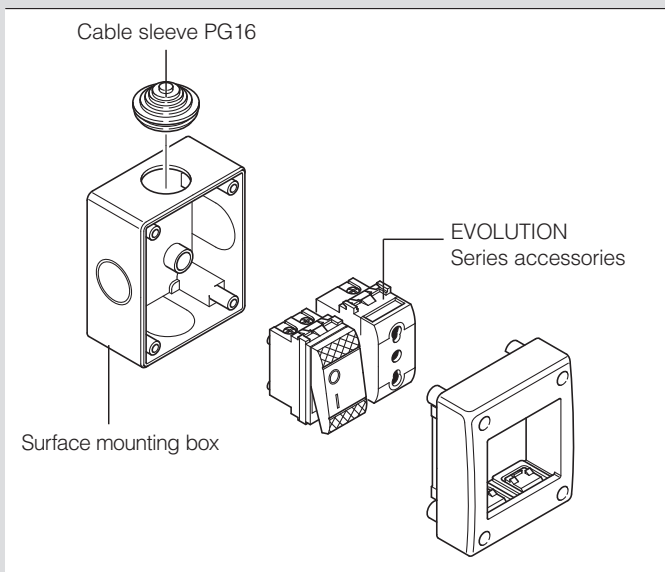
Protection degree:	IP40 - IP55
Operating temperature according to the reference standard:	-5°C+35°C
Max. operating temperature:	60°C
Glow Wire test:	650°C
Material:	Engineering plastic
IK degree at 20°C:	IK06
Total insulation <input type="checkbox"/>	Yes
Colour:	Grey RAL 7035

> BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

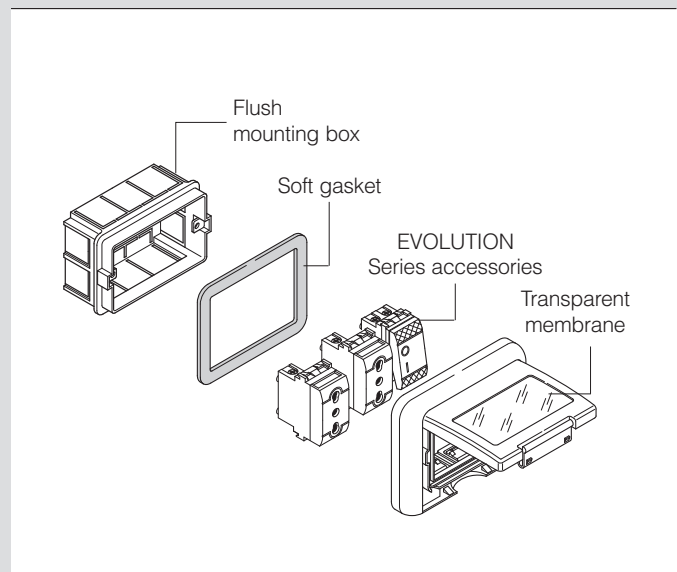
Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Resistant	Resistant

For specific substances please contact our technical service.

> EXAMPLES OF INSTALLATION



Surface mounting enclosure - IP40.




Flush mounting enclosure - IP55.


> APPLICATION EXAMPLES





Surface mounting enclosures


> EMPTY ENCLOSURE - IP40

Description	Dimensions (mm)		
1 gang	68x82x52	5/100	136.4121

Description	Dimensions (mm)		
2 gang	68x82x52	5/100	136.4122

Description	Dimensions (mm)		
3 gang	98x82x52	3/60	136.4123

Description	Dimensions (mm)		
2+2 gang	137x82x52	1/24	136.4124

Description	Dimensions (mm)		
3+3 gang	198x82x52	1/16	136.4126

- For EVOLUTION Series.

> EMPTY ENCLOSURE - IP55



Description	Dimensions (mm)		
1 gang	68x82x66	5/80	136.5121



Description	Dimensions (mm)		
2 gang	68x82x66	5/80	136.5122



Description	Dimensions (mm)		
3 gang	98x82x66	3/60	136.5123



Description	Dimensions (mm)		
2+2 gang	137x82x66	1/24	136.5124



Description	Dimensions (mm)		
3+3 gang	198x82x66	1/16	136.5126

- For EVOLUTION Series.

Surface mounting enclosures

> SURFACE MOUNTING ACCESSORIES - IP55



Gang	Description		
1 gang	1 x 16A 250V bell push	(●) 32	Ⓢ 136.5121-333
	1 x 20AX 250V D.P. switch for water heater	32	Ⓢ 136.5121-302
	1 x 16AX 250V S.P. switch	(●) 32	Ⓢ 136.5121-303
	1 x 20AX 250V D.P. switch for water heater with light	(▲) 32	Ⓢ 136.5121-304
	1 x 16AX 250V two-way switch	(●) 32	Ⓢ 136.5121-323



Gang	Description		
2 gang	2 x 16AX 250V S.P. switch	(●) 32	Ⓢ 136.5122-303
	2 x 16AX 250V two-way switch	(●) 32	Ⓢ 136.5122-323
	1 x 2P+E 16A 250V French socket	32	Ⓢ 136.5122-411
	1 x 2P+E 16A 250V German socket	32	Ⓢ 136.5122-412
	1 x 2P+E 13A 250V British socket	32	Ⓢ 135.5122-413
	1 x 2P+E 15A 250V British socket	32	Ⓢ 135.5122-414



Gang	Description		
3 gang	3 x 16AX 250V S.P. switch	(●) 24	Ⓢ 136.5123-303
	3 x 16AX 250V two-way switch	(●) 24	Ⓢ 136.5123-323
	1 x 2P+E 16A 250V French socket with 16AX 250V S.P. switch	(●) 24	Ⓢ 136.5123-411
	1 x 2P+E 16A 250V German socket with 16AX 250V S.P. switch	(●) 24	Ⓢ 136.5123-412
	1 x 2P+E 13A 250V British socket with 16AX 250V S.P. switch	(●) 24	Ⓢ 136.5123-413
	1 x 2P+E 15A 250V British socket with 16AX 250V S.P. switch	24	Ⓢ 136.5123-414




Gang	Description		
	4 x 16AX 250V S.P. switch	(●) 24	Ⓜ 136.5124-303
	4 x 16AX 250V two-way switch	(●) 24	Ⓜ 136.5124-323
2+2 gang	2 x 2P+E 16A 250V French socket without switch	24	Ⓜ 136.5124-411
	2 x 2P+E 16A 250V German socket without switch	24	Ⓜ 136.5124-412
	2 x 2P+E 13A 250V British socket without switch	24	Ⓜ 136.5124-413



Gang	Description		
	6 x 16AX 250V S.P. switch	(●) 6	Ⓜ 136.5126-303
	6 x 16AX 250V two-way switch	(●) 16	Ⓜ 136.5126-323
3+3 gang	2 x 2P+E 16A 250V French socket with 16AX 250V S.P. switch	(●) 16	Ⓜ 136.5126-411
	2 x 2P+E 16A 250V German socket with 16AX 250V S.P. switch	(●) 16	Ⓜ 136.5126-412
	2 x 2P+E 13A 250V British socket with 16AX 250V S.P. switch	(●) 16	Ⓜ 136.5126-413

Note: Equipped versions are supplied with special grey colour devices.
- With EVOLUTION Series accessories.


(●)  Neon available as accessory.

(▲)  Neon.

> ACCESSORIES





Description			
Wall mounting brackets (2 pieces)	10	136.001	
Earth terminal 6 mm	20/200		654.0376
Sealing caps (●)	10/100		654.0080

(●) For providing total insulation  according to EN 60439-1.
- Only for surface mounting enclosure.

Flush mounting enclosures

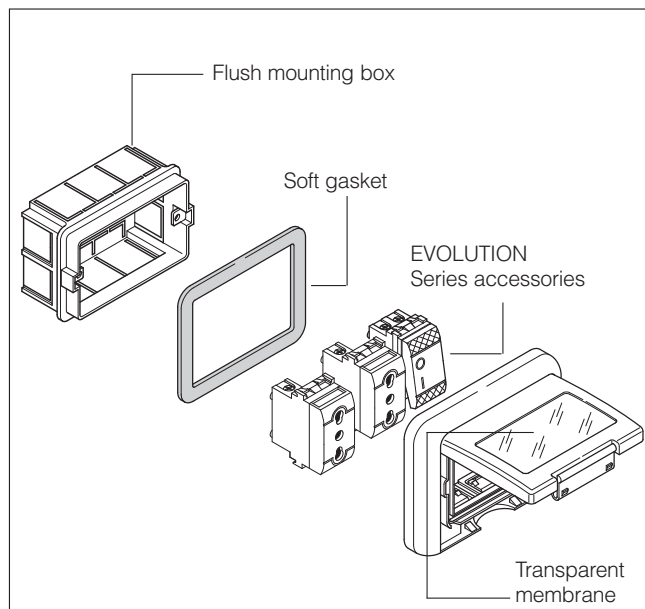
> WALL HOUSING



Description	Dimensions	Colour		
3 gang	190x98x28 mm		1/85	🔗 136.5023
	190x98x28 mm		1/85	🔗 136.5023.AT

- For 83,5mm centre distance flush mounting box.

> EXAMPLES OF INSTALLATION



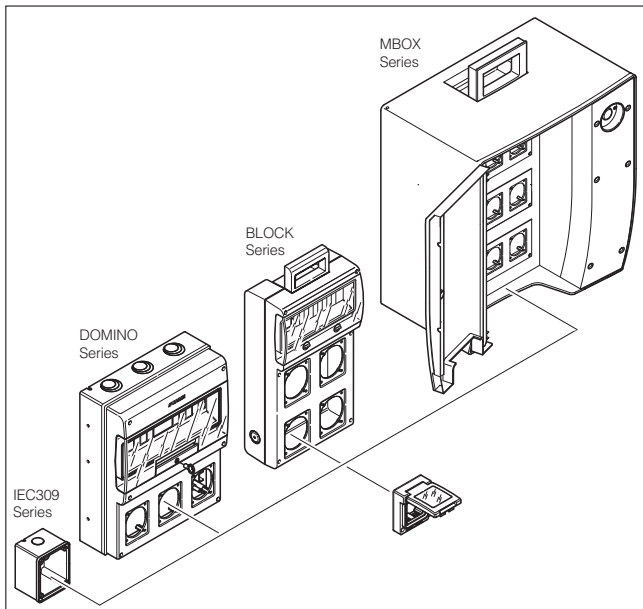
> PANEL HOUSING



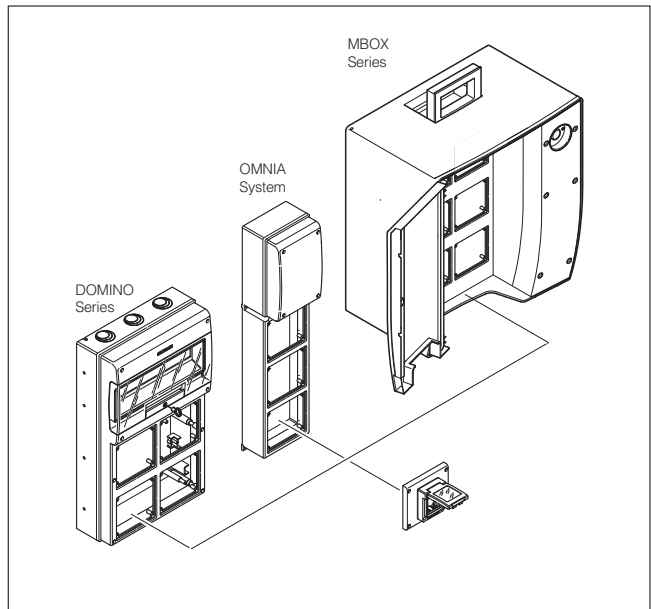
Description	Flange	□	
2 gang for EVOLUTION Series modules	70x87	10	570.5052
	136x125	6	654.0122
2 gang for: "Living International", "Luna", "Light", "Light Tech" modules (*)	70x87	10	570.5012
	136x125	6	654.0121

(*) This insert has been realized with the authority of Bticino spa and it is suitable for "Living International", "Luna", "Light" and "Light Tech" inserts, whose trademarks are registered with Bticino. Modules snap into place.

> EXAMPLES OF INSTALLATION - FLANGE 70x87



> EXAMPLES OF INSTALLATION - FLANGE 136x125



Device

> NEON LAMPS



Description		
220V	100	101.6200
110V	100	101.6200.11
12V	100	101.6200.12
24V	100	101.6200.24

> COVERS



Description			
Blank cover	100/900		101.6201.G
Cable outlet	100		101.6203.G








> SWITCHES










Description				
Single pole 2A - 250V~ with key	6		101.6301K.G	
Single pole 16AX - 250V~	12/480		101.6303.G	
Single pole 20AX - 250V~	12/480		101.6303.20G	
Double pole 16AX - 250V~	12/480		101.6302.G	
Double pole 20AX - 250V~	12/480		101.6302.20 G	
Double pole 16AX - 250V~ (with light 220V)	12/480		101.6304.G	
Double pole 20AX - 250V~ (with light 220V)	12/480		101.6304.20G	
Reversing switch 16AX - 250V~	12/480		101.6311.G	
Two-way switch 16AX - 250V~	12/480		101.6323.G	

Neon available as accessory.



> PUSH BUTTON

Description				
Single pole 10A - 250V~ for automatic rolling shutter	12/480	101.63312.G		
Single pole 10A - 250V~ cord operated	6/240		 101.6331T.G	
Single pole 10A with name plate 	6/240			 101.6204

Description			
Single pole 16A - 250V~ N.O. 	12/480	 101.6333.G	
Double pole 16A - 250V~ N.O.	12/480		 101.6332.G
Double pole 16A - 250V~ (with light 220V)	12/480	 101.6334.G	

 Neon available as accessory.

> FUSE HOLDER

Description		
Per fuse 6,3x32 250V Max. 10A	12/480	101.6345.G

Device

> MINIATURE CIRCUIT BREAKERS (MCB'S)



Description		
1P+N - 16A - 3KA	12	101.6340.G
1P+N - 10A - 3KA	12	101.6340.10G
1P+N - 6A - 3KA	12	101.6340.06G























> COMPACT RESIDUAL CURRENT BREAKERS WITH OVER CURRENT PROTECTION (RCBO)



Description		
1P+N - 16A-10mA 3kA	6	101.6341.G
1P+N - 6A-10mA 1,5kA	6	101.6341.06G
1P+N - 10A-10mA 3kA	6	101.6341.10G

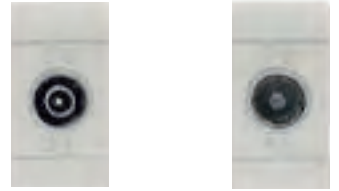
<p>ITALIAN STANDARD P11 - 10A</p> <p>Shuttered socket Italian standard CEI 23-50</p>	<p>ITALIAN STANDARD P17/11 - 16A</p> <p>Shuttered socket Italian standard CEI 23-50</p>	<p>ITALIAN STANDARD P30 - 16A</p> <p>Shuttered socket Italian standard CEI 23-50</p>	<p>PLURISTANDARD 16A</p> <p>Shuttered socket</p>	<p>GERMAN STANDARD STANDARD - 16A</p> <p>Unshuttered socket</p>	<p>FRENCH-GERMAN STANDARD STANDARD - 16A</p> <p>Shuttered socket</p>
<p>BRITISH STANDARD STANDARD - 13A</p> <p>Shuttered socket</p>	<p>BRITISH STANDARD STANDARD - 15A</p> <p>Shuttered socket</p>	<p>ARGENTINIAN STANDARD STANDARD - 10A</p> <p>Unshuttered socket</p>	<p>ARGENTINIAN STANDARD STANDARD - 10A</p> <p>Unshuttered socket</p>	<p>ARGENTINIAN STANDARD STANDARD - 20A</p> <p>Unshuttered socket</p>	
<p>EURO-AMERICAN STANDARD STANDARD - 15A</p> <p>Shuttered socket</p>	<p>NEOZELANDER STANDARD STANDARD - 10A</p> <p>Unshuttered socket</p>				


> SOCKET-OUTLETS

					
Description					
2P+E 10A - 250V~ (Italian P11)	12/480		101.6401.G		
2P+E 16A - 250V~ (Italian P17)	12/480			101.6402.G	
2P+E 16A - 250V~ (Italian P17/11)	12/480				101.6403.G
					
Description					
2P+E 16A - 250V~ (Italian P30)	6/240		101.6404.G		
2P+E 16A - 250V~ (Pluristandard)	6/240			101.6405.G	
2P+E 16A - 250V~ (German socket)	6/240			101.6412.G	
					
Description					
2P+E 16A - 250V~ (French)	6/240		101.6411.G		
2P+E 13A - 250V~ (British)	6/240			101.6413.G	
2P+E 15A - 250V~ (British)	6/240			101.6414.G	
					
Description					
2P+E 10A - 250V~ 1 module (Argentinian)	12/480		101.6425.G		
2P+E 10A - 250V~ 2 modules (Argentinian)	6/240			101.6424.G	
2P+E 20A - 250V~ (Argentinian)	6/240			101.6426.G	
					
Description					
2P+E 15A - 250V~ (Euro-american)	12/480		101.6423.G		
2P+E 10A - 250V~ 2 modules (Neozelander)	6/240			101.6427.G	

Device

> TV OUTLETS (Ø 9,5mm)




Description			
Male - direct	12		101.6431.G
Male - terminal 75Ω	12		101.6431.01G
Male - attenuation 10dB	12		101.6431.10G
Female - direct	12		101.6432.G
Female - terminal 75Ω	12		101.6432.01G
Female - attenuation 10dB	12		101.6432.10G
Female - terminal (•)	12/480		101.6441.1G
Female - attenuation 12dB (•)	12/480		101.6444.1G

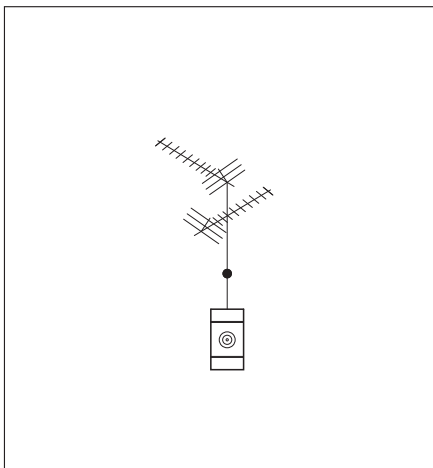
(•) Products for countries non EU member.

> TV-SAT OUTLETS (Ø9,5mm)

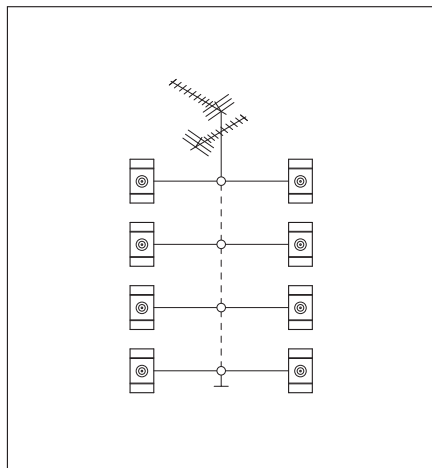


Description			
Coax/Sat/Cat. F - direct	12/480		101.6433.G
TV/SAT outlet	6/240		101.6434.G

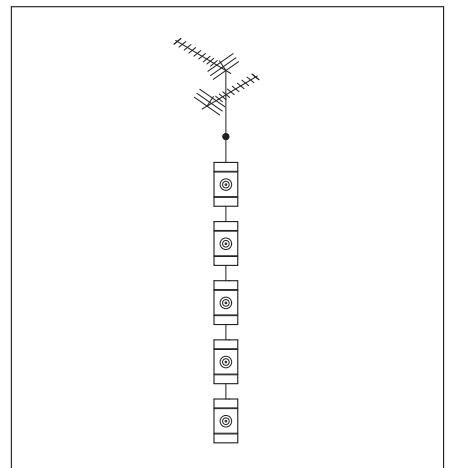
> DIRECT



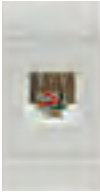


> TERMINAL




> ATTENUATION





> TELEPHONE OUTLETS

Description	📄			
For plug 6/4 - single socket	12/480	101.6461.64.G		
For plug 6/4 - twin socket	12/480	101.6462.64.G		
Special 2P	12/480	101.6464.G		

> AUXILIARY CIRCUITS OUTLETS

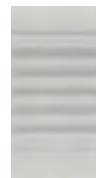
Description	📄	
Special 2P flat and L	12/480	101.6466.G

> DATA COMMUNICATION OUTLETS

Description	📄		
RJ45 - Cat. 5 plug 8/8 UTP	6	101.6481.50G	
RJ45 - Cat. 5 plug 8/8 FTP	6	101.6481.51G	

Device

> BELLS AND BUZZERS



Description		
Buzzer 220V~ 8VA	12	101.6501.G
Buzzer 12V~ 8VA	12	101.6501.12G
Bronze bell 220V~ 8VA	12	101.6503.G
Bronze bell 12V~ 8VA	12	101.6503.12G

> INDICATOR UNITS



Description				
Pilot light - neutral glass		12/480	101.6541.1G	
Pilot light - red glass		12/480	101.6541.2G	
Pilot light - green glass		12/480		101.6541.3G
Pilot light - red-green glass		12/480		101.6542.G

Neon available as accessory.

> DIMMER



Description		
Resistive 500W-250V~ with switch	20	101.6801.05G
Resistive 500W-250V~ with two-way switch	20	101.6802.05G
Inductive 350W-250V~ with switch	20	101.6811.03G
Inductive 350W-250V~ with two-way switch	20	101.6812.03.G

- With light indicator.

> PROXIMITY SWITCH

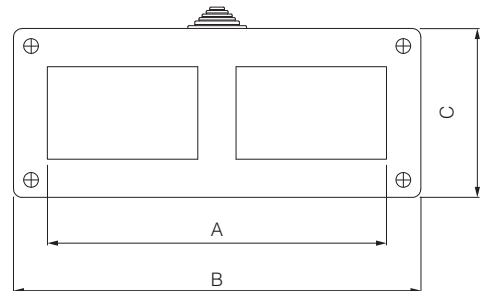
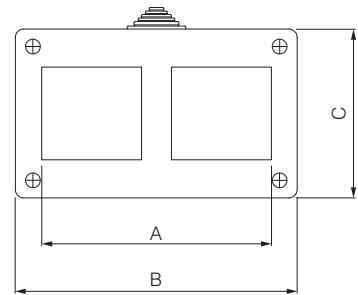
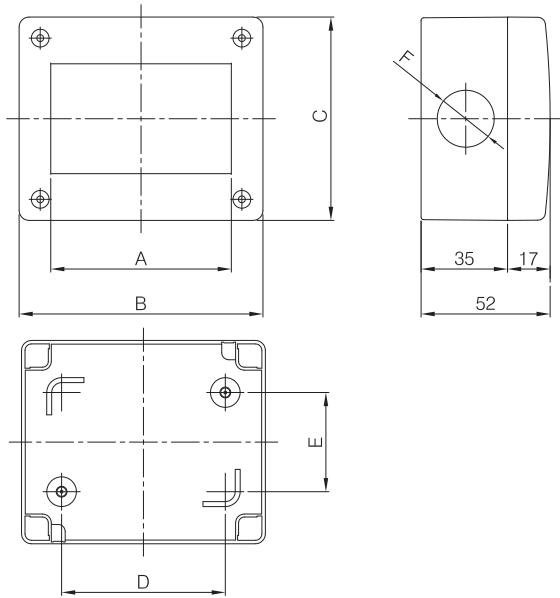


Description		
Automatic single pole switch 200W-220V	20	101.6850.G

UNIBOX Series

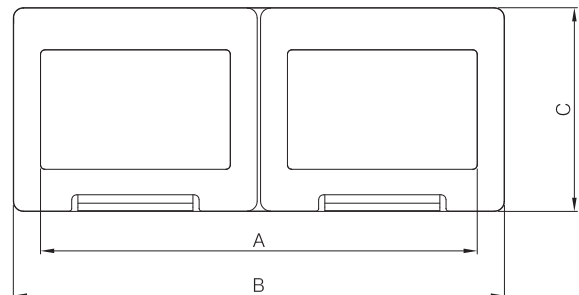
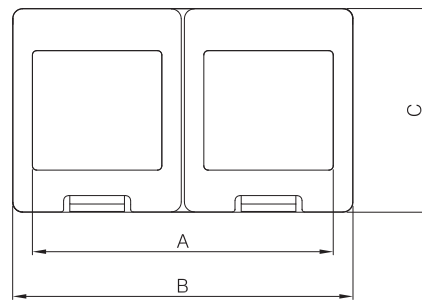
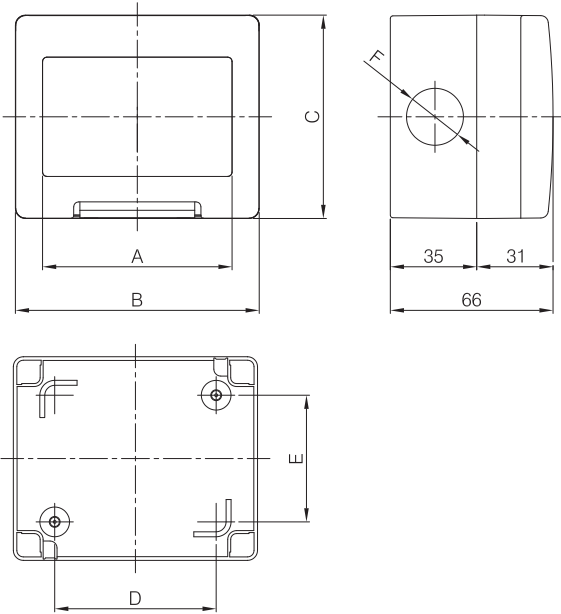
> DIMENSIONS

SURFACE MOUNTING ENCLOSURE IP40

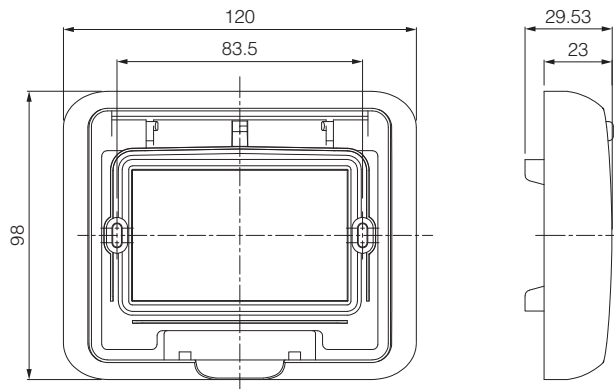


	136.4121	136.4122	136.4123	136.4124	136.4126
A	1 modules	2 modules	3 modules	4 (2+2) modules	6 (3+3) modules
B	68	68	98	137	198
C	82	82	82	82	82
D	40	40	66	104	164.7
E	40	40	40	40	40
F	N°4 Ø23	N°4 Ø23	N°4 Ø23	N°11 Ø23	N°11 Ø23

(Dimensions in mm)

SURFACE MOUNTING ENCLOSURE IP55


	136.5121	136.5122	136.5123	136.5124	136.5126
	1	2	3	4 (2+2)	6 (3+3)
A	modules	modules	modules	modules	modules
B	68	68	98	137	198
C	82	82	82	82	82
D	40	40	66	104	164.7
E	40	40	40	40	40
F	N°4 Ø23	N°4 Ø23	N°4 Ø23	N°11 Ø23	N°11 Ø23

FLUSH MOUNTING ENCLOSURE IP55


ZP00556-GB-4



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