

CONSUMER UNITS AND ENCLOSURES

REFERENCE STANDARDS

DIMENSIONS



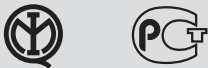
EN 60670-1

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

CEI 23-49

Enclosure for accessories for household and similar fixed electrical installations.
Part 2: particular requirements for enclosures for protection devices and accessories dissipating a considerable power in normal use.

QUALITY MARKS



TECHNICAL CHARACTERISTICS

Protection degree:	P66
Operating temperature according to the reference standard:	-25°C +35°C
Max. operating temperature:	60°C
Glow Wire test:	650°C
Material:	Engineering plastic
IK degree at 20°C:	IP66: IK07
Cable inlets:	PG/METRIC
Total insulation 	Yes
Dissipable power according to CEI 23-49 standard:	9÷140W
Colour:	Grey RAL 7035
Terminal blocks fixing possibility:	Yes

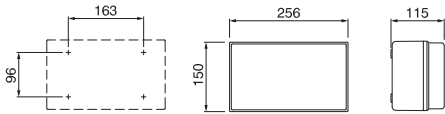
VERSIONS

	Surface mounting - IP66
	Surface mounting - IP40 With window
	Surface mounting - IP40 Without window
	Flush mounting - IP40 With window

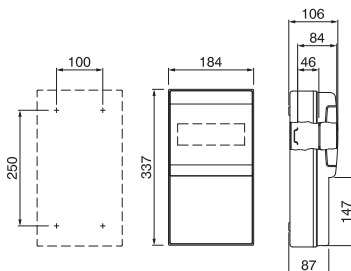
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

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

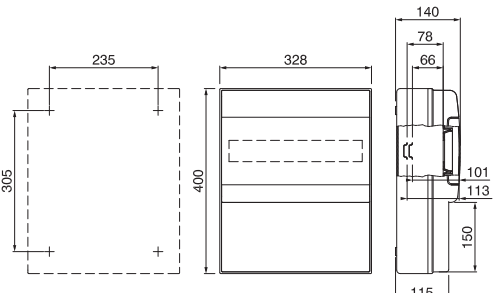
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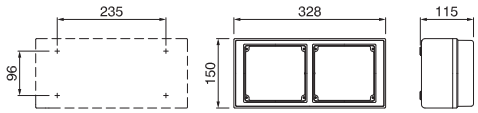
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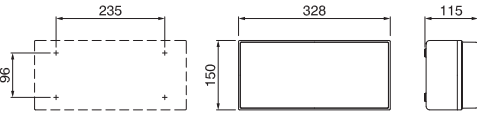
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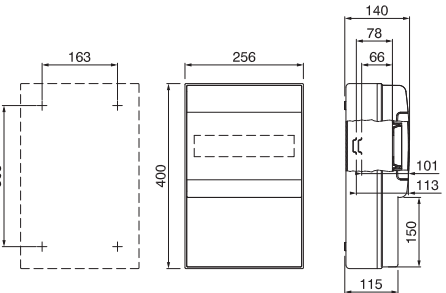
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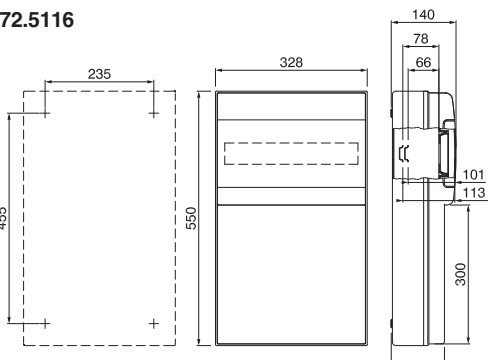
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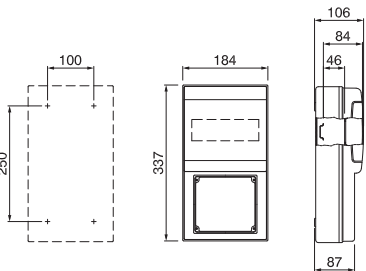
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COD. 672.5116



COD. 672.2200



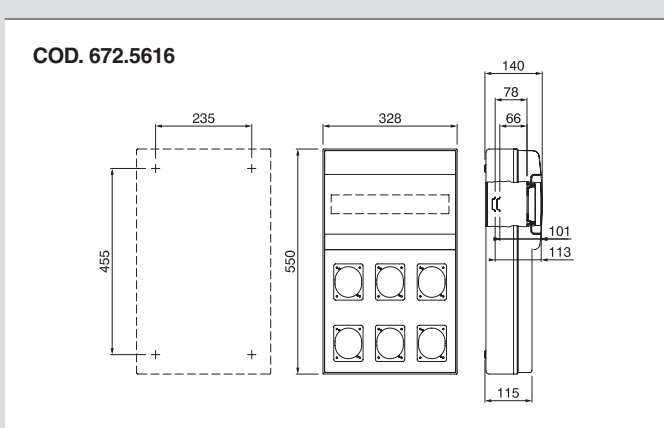
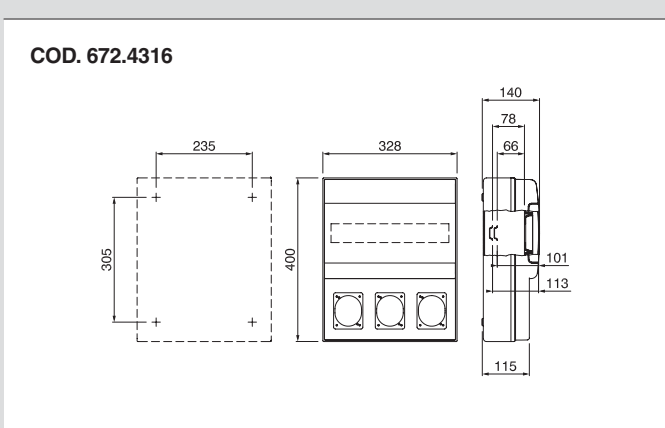
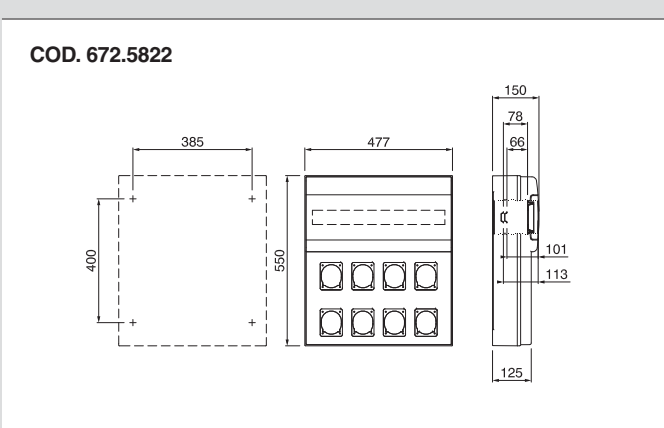
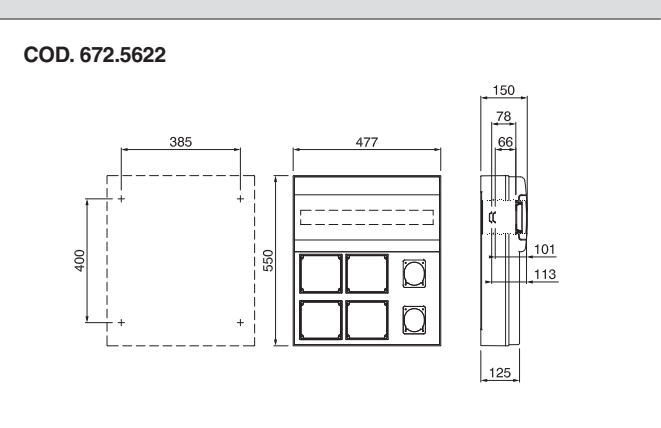
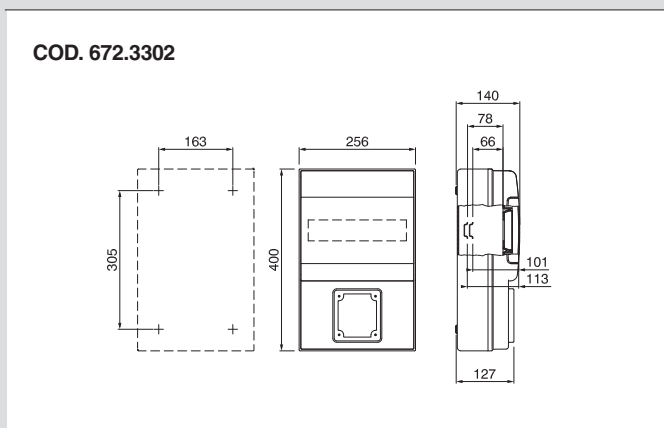
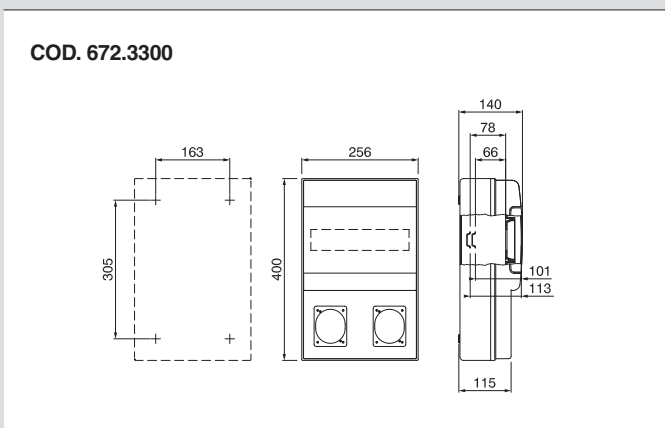
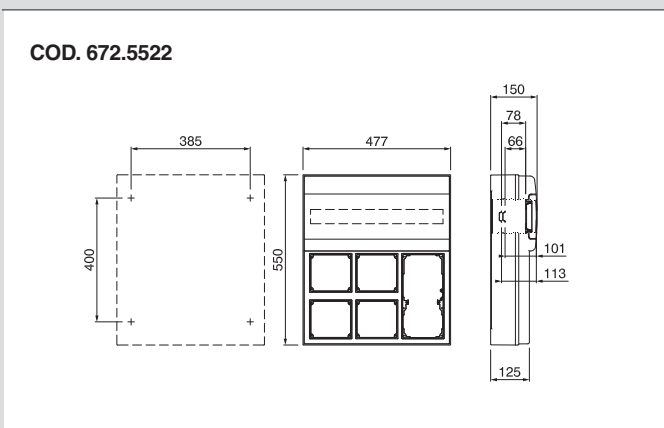
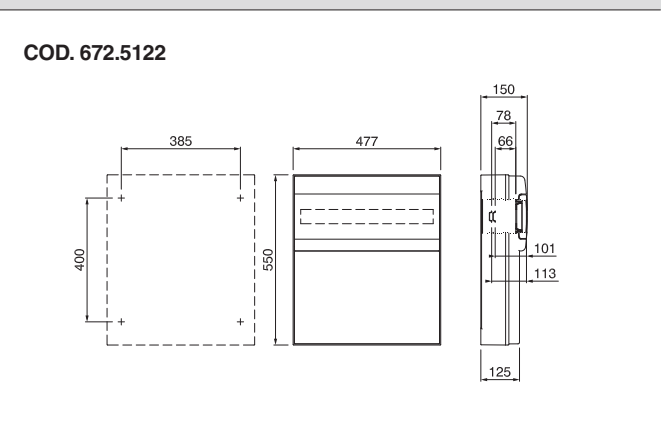
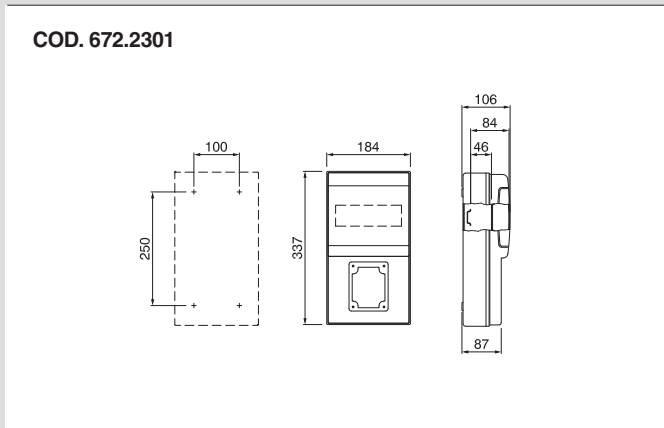
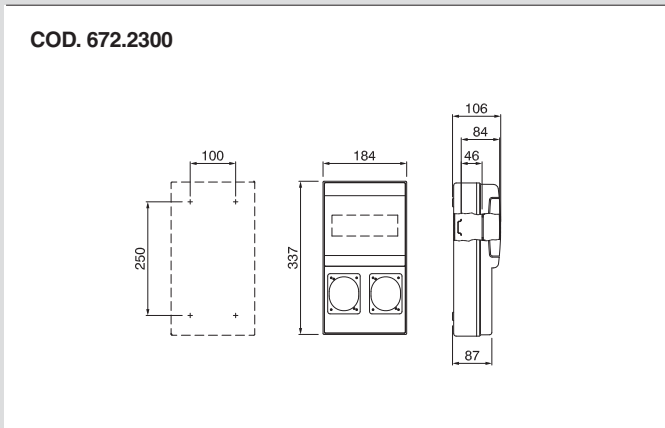
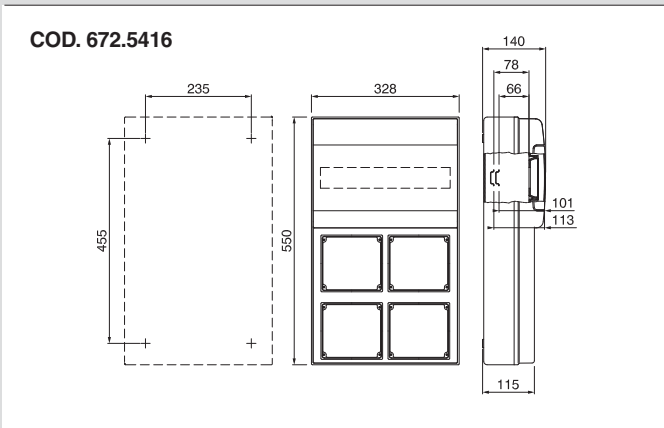
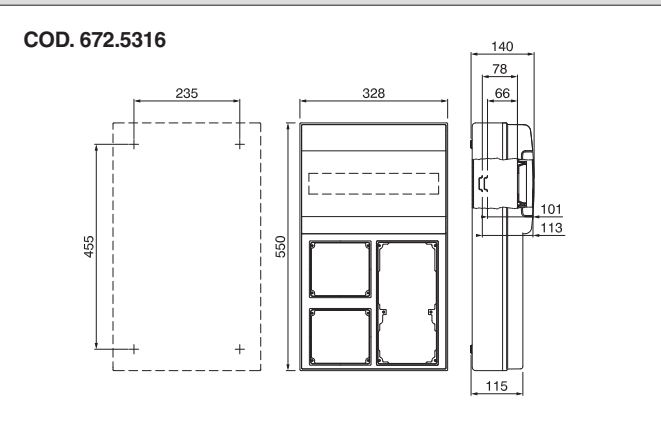
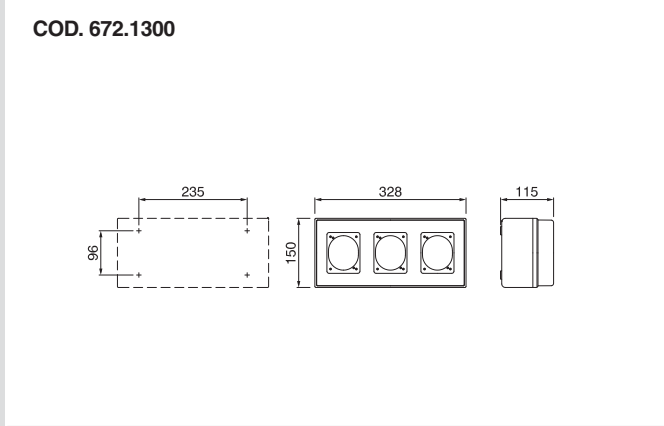
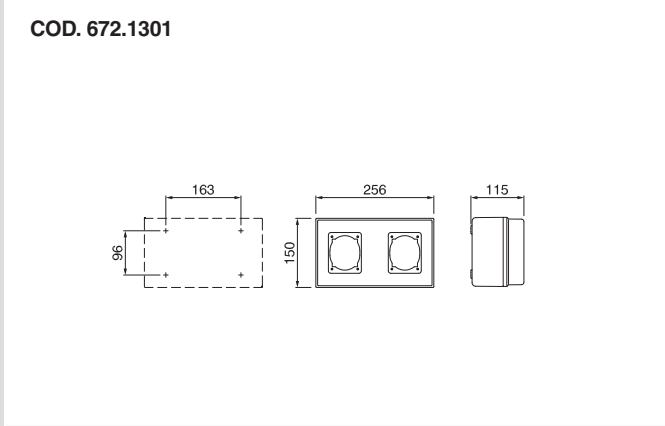
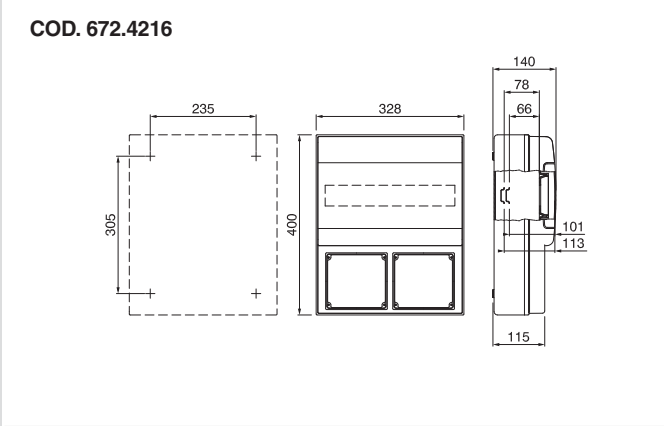
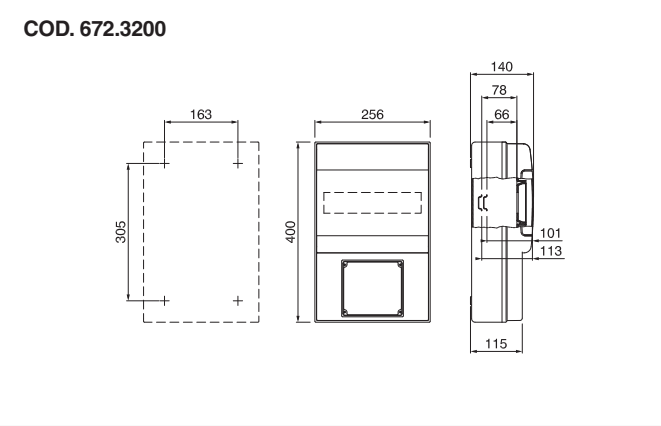
(Dimensions in mm)

DIMENSIONS

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ENCLOSURES



3



(Dimensions in mm)

(Dimensions in mm)



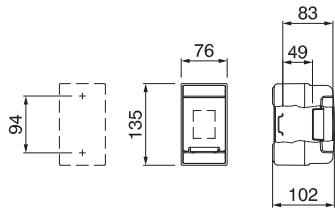
DIMENSIONS

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ENCLOSURES

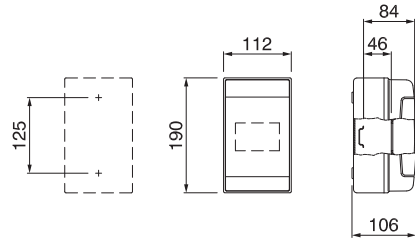


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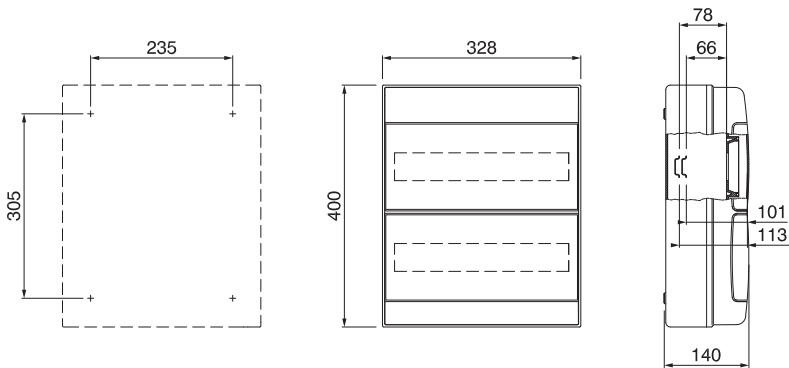
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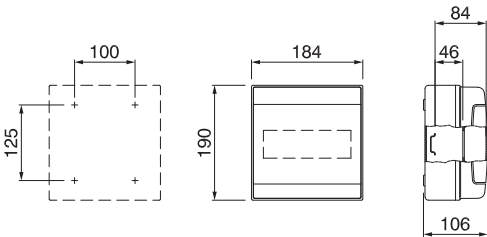
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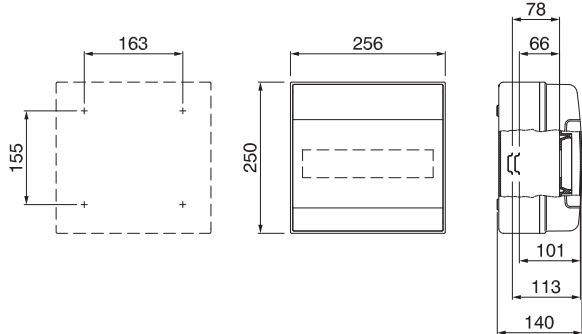
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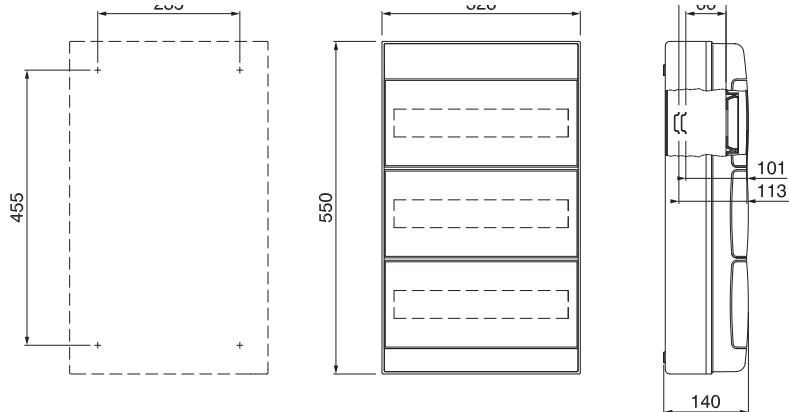
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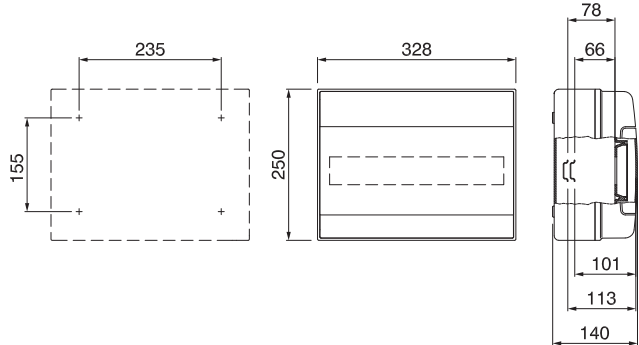
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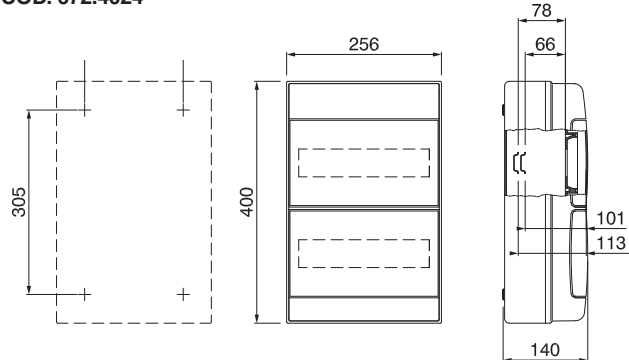
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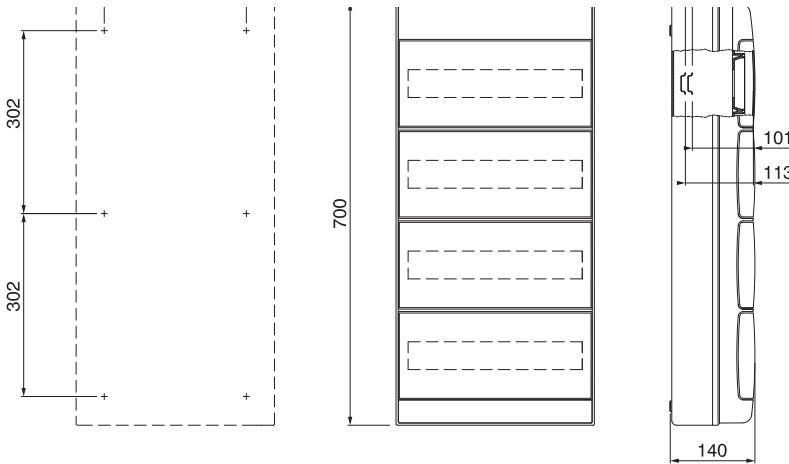
COD. 672.2016



COD. 672.4024



COD. 672.7064



(Dimensions in mm)

(Dimensions in mm)

DOMINO Series - IP66
surface mounting enclosure

ENCLOSURE

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2
ENCLOSURES

					
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		BLANK FRONT PANEL
M150		150x256x115	18W	1/6	672.1101
		150x328x115	20W	1/6	672.1100

					
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		BLANK FRONT PANEL
M340	8	340x184x140	14W	1/10	672.2100

					
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		BLANK FRONT PANEL
M400	12	400x256x140	22W	1/6	672.3100
	16	400x328x140	28W	1/4	672.4116

					
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		BLANK FRONT PANEL
M550	16	550x328x140	28W	1/3	672.5116
	24	550x477x140	28W	1/2	672.5122

(*) According to CEI 23-49 italian standard.



Flush mounting plugs and sockets
From page 22



Sochets for domestic applications
From page 25

					
Socket		PANEL FLANGE 70x87	Socket		PANEL FLANGE 136x125 (#)
2 (•)		672.1301	2		672.1200
3 (•)		672.1300			

					
Socket		PANEL FLANGE 70x87	Socket		PANEL FLANGE 136x125
1 (◆)		672.2301	1		672.2200
2 (■)		672.2300			

					
Socket		PANEL FLANGE 70x87	Socket		PANEL FLANGE 136x125 (*)
1 (▲)		672.3302	1		672.3200
2 (•)		672.3300			
3 (•)		672.4316	2		672.4216

					
Socket		PANEL FLANGE 70x87	Socket		PANEL FLANGE 136x125 (*)
6 (•)		672.5616	3		672.5316 (Δ)
			4		672.5416
8 (•)		672.5822	5		672.5522
			6		672.5622

(•) 16A (70x87mm) or, with suitable adaption, 32A socket (84x106mm).
(▲) 63A (100x110mm).

(■) 16A (70x87mm).
(◆) 32A (84x106mm).

(*) Connection device to be fixed in the upper side.
(Δ) With cutouts to contain 2 OMNIA Series 16A or 32A and 1 OMNIA Series 63A.



Switched socket outlets with interlock
From page 31



Interlocked socket for domestic use
From page 27

DOMINO System - IP66
surface mounting consumer units

CONSUMER UNITS

ENCLOSURES

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ENCLOSURES



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Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M135	2	135x76x102	6W	1/24	672.2002	-

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M190	4	190x112x106	10W	1/16	672.2004	-

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M190	8	190x184x106	14W	1/10	672.2008	672.2008.1101

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M250	12	250x256x140	22W	1/9	672.2012	672.2012.1101

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M250	16	250x328x140	28W	1/6	672.2016	672.2016.1101

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M400	24 (12x2)	400x256x140	30W	1/6	672.4024	672.4024.1102

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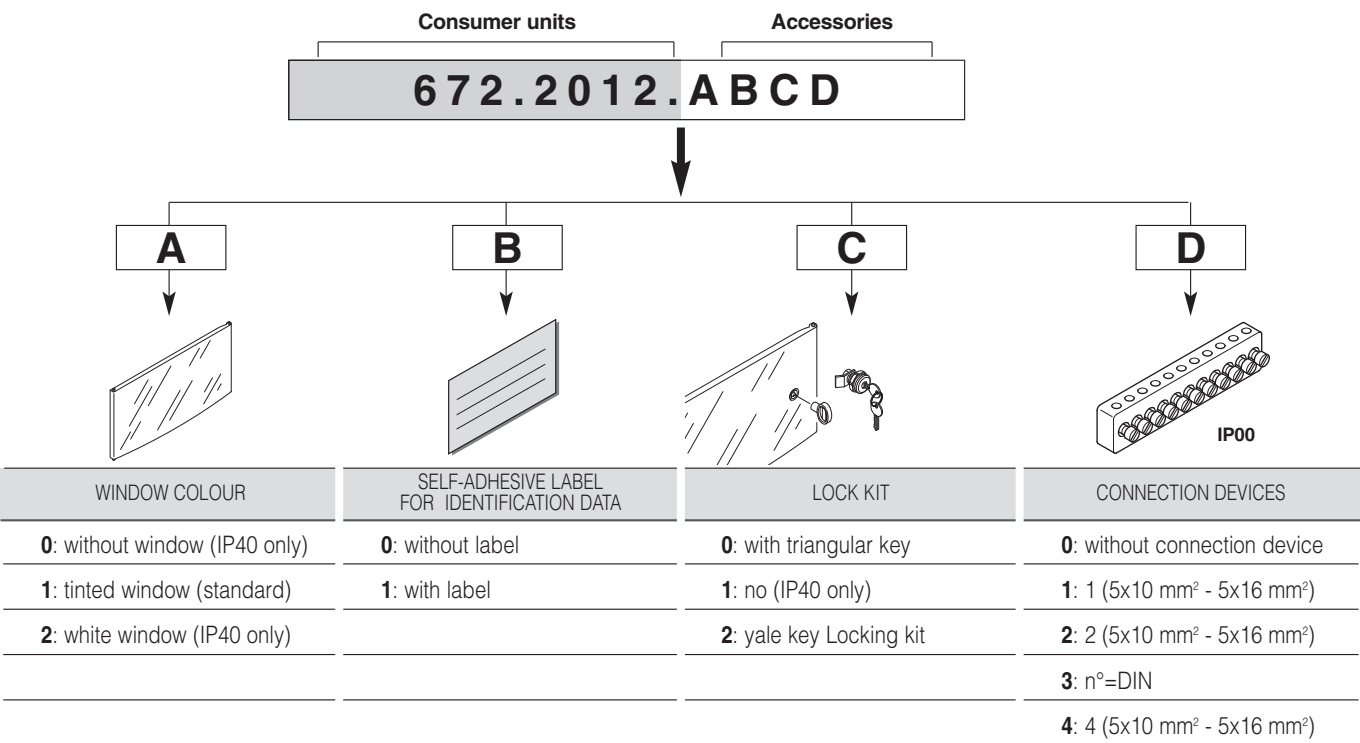
						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M400	32 (16x2)	400x328x140	47W	1/4	672.4032	672.4032.1102

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M550	48 (16x3)	550x328x140	54W	1/3	672.5048	672.5048.1102

						
Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		STANDARD VERSION	SPECIAL CONFIGURATION
M700	64 (16x4)	700x328x140	60W	1	672.7064	672.7064.1102

(*) According to CEI 23-49 italian standard.

SPECIAL CONFIGURATION



DOMINO System - IP40
surface mounting consumer units

CONSUMER UNITS - WITHOUT WINDOW

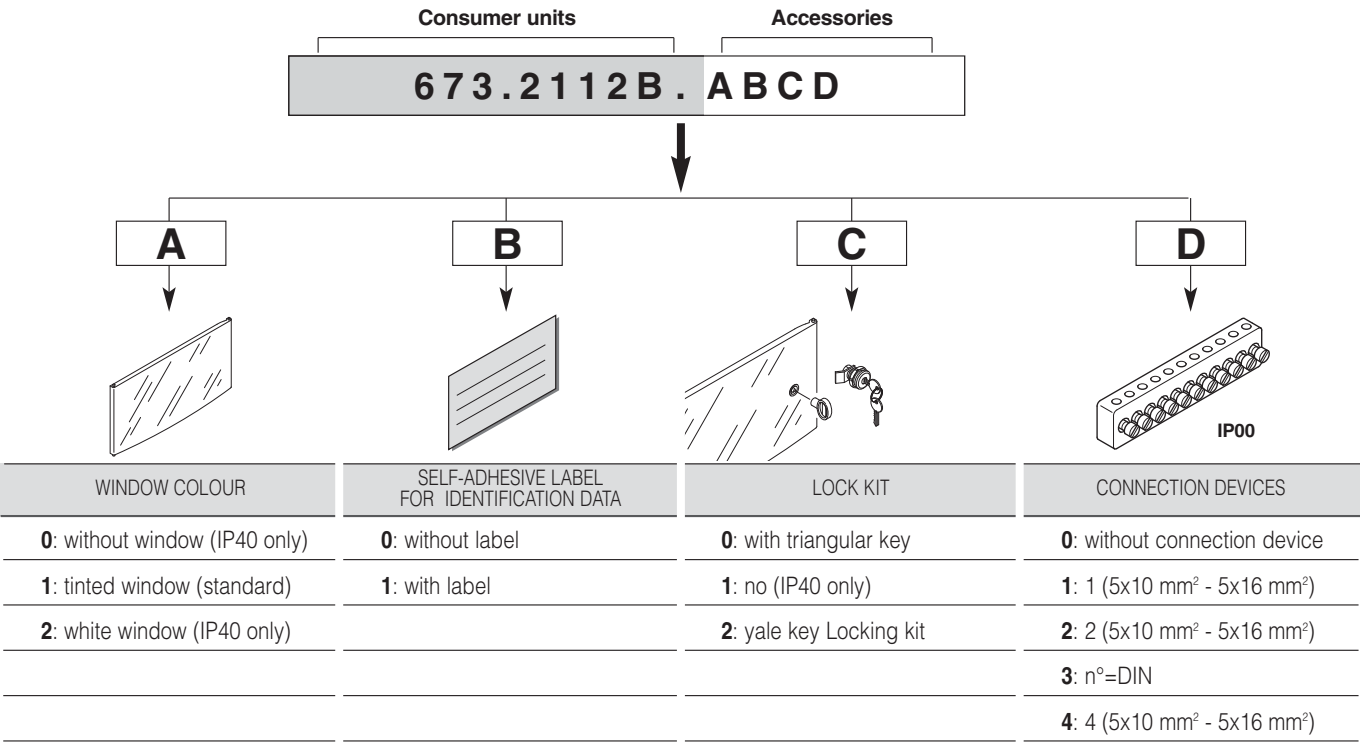
ENCLOSURES
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Table with 9 columns: Multiples of, DIN modules (17,5mm) Total for row, Dimensions axbxc (mm), Dissipated power (*), Mounting, GREY BASE, WHITE BASE, WHITE BASE SPECIAL CONFIGURATION. It lists specifications for three enclosure types (1, 2, 3) with various DIN module counts and power ratings.

Table with 9 columns: Multiples of, DIN modules (17,5mm) Total for row, Dimensions axbxc (mm), Dissipated power (*), Mounting, GREY BASE, WHITE BASE, WHITE BASE SPECIAL CONFIGURATION. It lists specifications for two enclosure types with various DIN module counts and power ratings.

(*) According to CEI 23-49 italian standard.
(Δ) 2 consumer units on top of each other joined by specially designed accessories.

SPECIAL CONFIGURATION



CONSUMER UNITS - WITH WINDOW

ENCLOSURES

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ENCLOSURES

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Multiples of	DIN modules (17,5mm) Total for row	Dimensions axbxc (mm)	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE TINTED WINDOW (♦)
8 DIN	8+1 (8+1)	190x254x108	17W	1/12	673.2008	673.2008B	673.2008B.2010	673.2008B.2012	673.2008B.1101



Multiples of	DIN modules (17,5mm) Total for row	Dimensions axbxc (mm)	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE TINTED WINDOW (♦)
12 DIN	12+1 (12+1)	250x326x108	24W (48WΔ)	1/7	673.2012	673.2012B	673.2012B.2010	673.2012B.2012	673.2012B.1101



Multiples of	DIN modules (17,5mm) Total for row	Dimensions axbxc (mm)	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE TINTED WINDOW (♦)
12 DIN	24+4 (12+2)(12+2)	400x326x108	35W (63WΔ)	1/5	673.4024	673.4024B	673.4024B.2010	673.4024B.2012	673.4024B.1102



Multiples of	DIN modules (17,5mm) Total for row	Dimensions axbxc (mm)	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE TINTED WINDOW (♦)
18 DIN	18+1 (18+1)	250x434x140	42W (74WΔ)	1/6	673.2018	673.2018B	673.2018B.2010	673.2018B.2012	673.2018B.1101



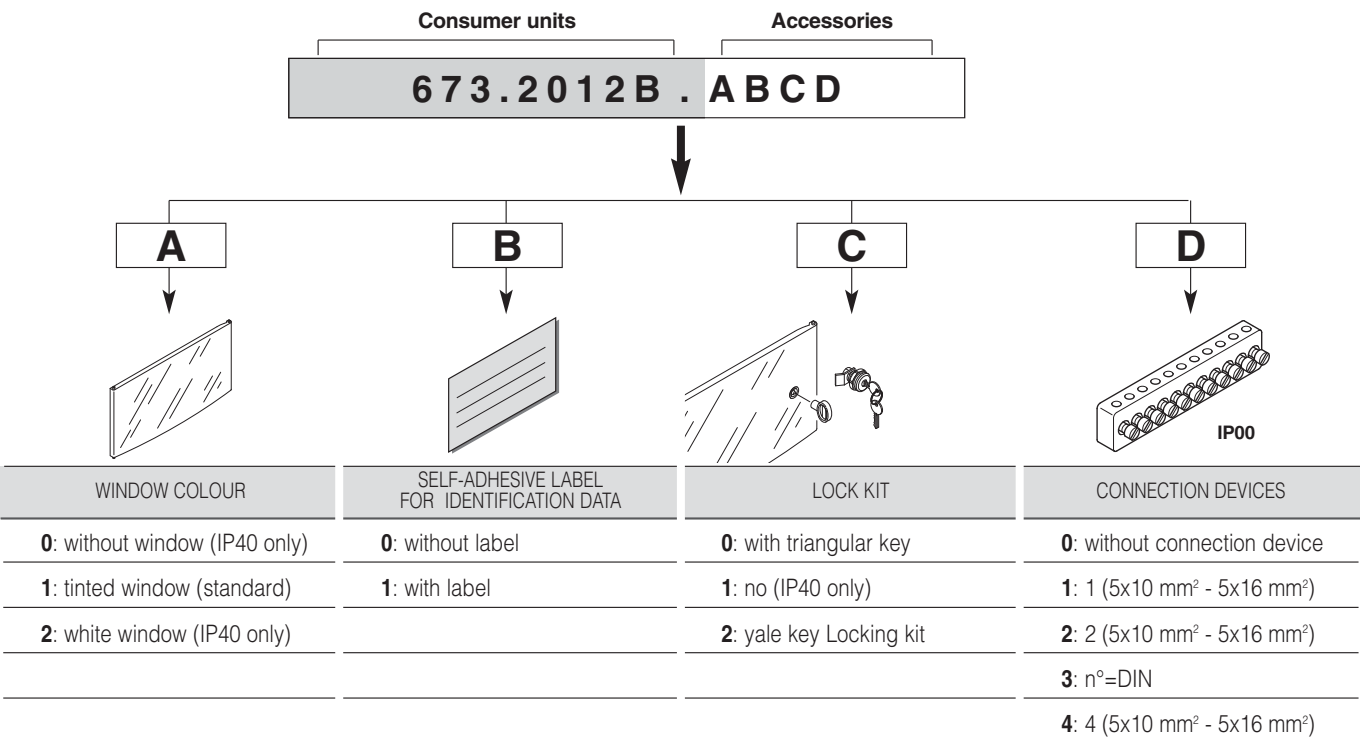
Multiples of	DIN modules (17,5mm) Total for row	Dimensions axbxc (mm)	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE TINTED WINDOW (♦)
18 DIN	36+4 (18+2)(18+2)	400x434x140	57W (96WΔ)	1/4	673.4036	673.4036B	673.4036B.2010	673.4036B.2012	673.4036B.1102



Multiples of	DIN modules (17,5mm) Total for row	Dimensions axbxc (mm)	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE WHITE WINDOW (♦)(•)	WHITE BASE TINTED WINDOW (♦)
18 DIN	54+5 (18+2)(18+2)(18+2)	550x434x140	75W (125WΔ)	1/2	673.5054	673.5054B	673.5054B.2010	673.5054B.2012	673.5054B.1102

(*) According to CEI 23-49 italian standard.
(Δ) 2 consumer units on top of each other joined by specially designed accessories.
(♦) Special configuration.
(•) Without triangular lock; snap-closing.
(▲) Single package.

SPECIAL CONFIGURATION



DOMINO System - IP40
flush mounting consumer units

CONSUMER UNITS - WITH WINDOW

ENCLOSURES

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ENCLOSURES



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Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
4 DIN	4+1/2 (4+1/2)	180X150X75 (••)	17W	1/38	675.2104	675.2104B	-	-	-



Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
8 DIN	8+1/2 (8+1)	210x254x75	21W	1/10	675.2008	675.2008B	675.2008B.2010	675.2008B.2012	675.2008B.1101



Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
12 DIN	12+1 (12+1)	270x326x75	32W	1/7	675.2012	675.2012B	675.2012B.2010	675.2012B.2012	675.2012B.1101



Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
12 DIN	24+4 (12+2)(12+2)	420x326x95	52W (74WΔ)	1/5	675.4024	675.4024B	675.4024B.2010	675.4024B.2012	675.4024B.1102



Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
18 DIN	18+1 (18+1)	270x434x75	36W	1/7	675.2018	675.2018B	675.2018B.2010	675.2018B.2012	675.2018B.1101



Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
18 DIN	36+4 (18+2)(18+2)	420x434x95	61W	1/3	675.4036	675.4036B	675.4036B.2010	675.4036B.2012	675.4036B.1102



Multiples of	DIN modules (17.5 mm) totals/for row	Dimension (mm) axbxc	Dissipated power (*)		GREY BASE TINTED WINDOW	WHITE BASE TINTED WINDOW	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE WHITE WINDOW (♦) (•)	WHITE BASE TINTED WINDOW (♦)
18 DIN	54+3 (18+1)(18+1)(18+1)	570x434x95	71W	1/2	675.5054	675.5054B	675.5054B.2010	675.5054B.2012	675.5054B.1102

(*) According to CEI 23-49 italian standard.
(Δ) 2 consumer units on top of each other joined by specially designed accessories.
(••) Without window.

(♦) Special configuration.
(•) Without triangular lock; snap-closing.
(Δ) Single package.

SPECIAL CONFIGURATION

