

ORO FLUSH-MOUNTING PLASTIC DISTRIBUTION BOARDS (IP40)



- for building, residential and similar installations
- for mounting devices on DIN EN 60715 rail of width 35 mm with cut-out in 45 mm cover plate
- installed devices: max. 63 A, 520 V
- standard package contains:
 - PE and N terminal blocks
 - DIN EN 60715 sliding rails of width 35 mm; device rails form single sliding metal frame for easier handling with two and three-row distribution boards
 - labels
 - blank covers for filling unused cut-outs in cover plate in the distribution board colour (1 pc / row)
- colour: white
- door: transparent/non-transparent, opening upwards to fixed position
- prepressed openings for cables leading out from all sides
- resistance rating class: II



Flush-mounting distribution boards

Door	Number of rows	Maximum number of modules of modules in a row (total) ¹⁾	Type	Product code	Maximum power loss [W] ²⁾	Weight [kg]	Packing [pcs]
Non-transparent	1	4 (4)	ORO-04N	11957	7.5	0.35	1
		8 (8)	ORO-08NX	12790	10.2	0.50	1
		12 (12)	ORO-12NX	12791	13.0	0.68	1
	2	12 (24)	ORO-24NX	12792	18.5	1.18	1
	3	12 (36)	ORO-36NX	12793	24.7	1.70	1
Transparent	1	4 (4)	ORO-04P	11962	7.5	0.35	1
		8 (8)	ORO-08PX	12795	10.2	0.50	1
		12 (12)	ORO-12PX	12796	13.0	0.68	1
	2	12 (24)	ORO-24PX	12797	18.5	1.18	1
	3	12 (36)	ORO-36PX	12798	24.7	1.70	1

¹⁾ 1 module=17.5 mm

²⁾ ΔT = 30 K (difference between internal and external temperature)

Accessories for ORO

Terminal block holder	DSB-OC	page C15
PE and N terminal blocks	SB6, SB10, SB14	page C15
Blank covers	ZAS-G	page C15

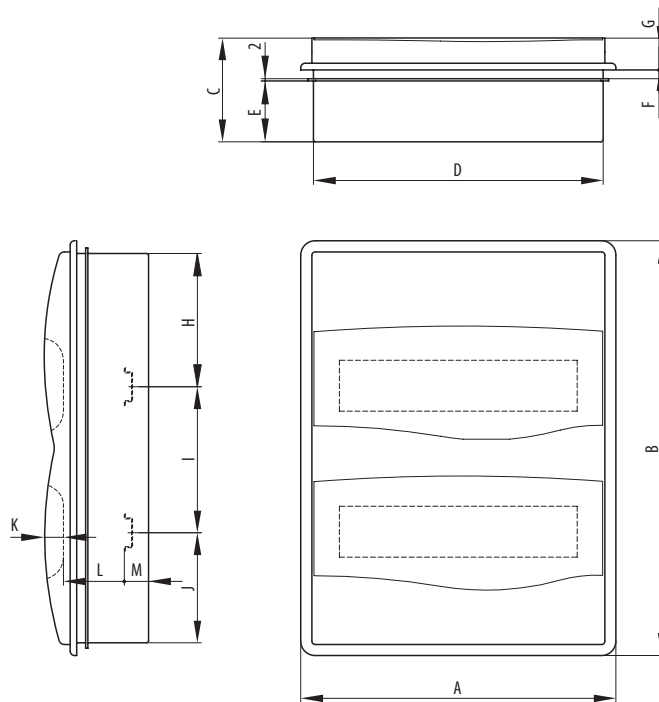
Specifications

Type	ORO
Standards	EN 60439-1, EN 60439-3, EN 62208
Approval marks	
Colour	white
Protection	IP40
Rated values of devices used	max. 63 A, 520 V
Device rail	DIN EN 60715 rail of width 35 mm
Resistance rating class	II
Door:	opening: upwards to fixed position version: transparent / non-transparent
Material	flame retardant thermoplastic - glow wire test max. 650 °C *
Ambient temperature	-25 ÷ +60 °C

* For mounting on materials of A and B (EN 13501-1) flammability ratings

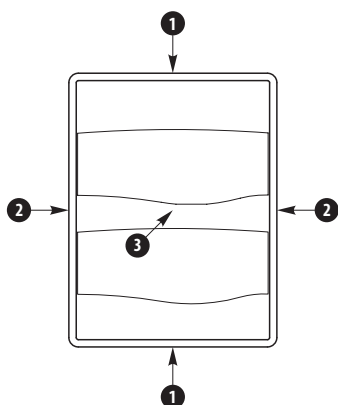
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Dimensions



Wall-mounted distribution boards - ORO series [mm]

Dimension	Type				
	ORO-04...	ORO-08...	ORO-12...	ORO-24...	ORO-36...
A	120	212	284	284	284
B	229	249	249	374	518
C	97	97	97	97	97
D	110	182	254	254	254
E	54	54	54	54	54
F	10	10	10	10	10
G	32	32	32	32	32
H	117	117	117	117	136
I	-	-	-	125	2x125
J	102	102	102	102	102
K	26	26	26	26	26
L	50	50	50	50	50
M	22	22	22	22	22



Prepressed for outlets with nut and installed PE and N terminal blocks

Type of distribution board	Prepressed for outlets with nut - side			Inserted PE and N terminal blocks ¹⁾	Number of available plates ²⁾
	1	2	3		
ORO-04...	1x \varnothing 32-25 + 2x \varnothing 25	2x \varnothing 25	2x2xPg21	1xSB6 a 1xSB6	1
ORO-08...	3x \varnothing 32-25 + 2x \varnothing 25	2x \varnothing 25	2x2xPg21	1xSB10 a 1xSB6	1
ORO-12...	1x \varnothing 40-32 + 2x \varnothing 32-25 + 4x \varnothing 25	2x \varnothing 25	2x3xPg21	1xSB14 a 1xSB10	3
ORO-24...	1x \varnothing 40-32 + 2x \varnothing 32-25 + 4x \varnothing 25	2x \varnothing 25	(2x2xPg21)+(2x4xPg21)	2xSB14 a 1xSB14	2
ORO-36...	1x \varnothing 40-32 + 2x \varnothing 32-25 + 4x \varnothing 25	2x \varnothing 25	4x4xPg21	2xSB14 a 2xSB14	2

¹⁾ SB6=2x16 mm² + 4x10 mm², SB10=2x16 mm² + 8x10 mm², SB14=2x16 mm² + 12x10 mm²

²⁾ Each PE and N pair is placed in a DSB-OC holder, which is affixed onto the plates at the top/bottom of the distribution board; if needed, other DSB-OC holders with PE and N (SB6, SB10, SB14) terminal strips may be placed on available plates - see accessories