

DistriTon

RZA

Steel-plastic enclosures



RZA ENCLOSURES



- RZA flush-mounted enclosures.
- For building, residential and similar installations.
- For mounting devices on "U" rails according to EN 60715 of width 35 mm with cut-out in 45 mm cover plate.

RZA... enclosures

Total number of modules	Number of rows × modules in row	Type	Product code	PE and N terminal blocks	N terminal block for RCCB	Weight [kg]	Package [pcs]
14	1 × 14	RZA-1N14	42599	PE 4×16 mm ² + 13×6 mm ² Cu N 4×16 mm ² + 13×6 mm ² Cu	-	2.24	1/6
28	2 × 14	RZA-2N28	42600	PE 4×16 mm ² + 13×6 mm ² Cu N 4×16 mm ² + 13×6 mm ² Cu	N 5×6 mm ² Cu	3.16	1/6
42	3 × 14	RZA-3N42	42601	PE 6×16 mm ² + 18×6 mm ² Cu N 6×16 mm ² + 18×6 mm ² Cu	N 5×6 mm ² Cu	4.38	1/3
56	4 × 14	RZA-4N56	42602	PE 6×16 mm ² + 28×6 mm ² Cu N 6×16 mm ² + 28×6 mm ² Cu	N 5×6 mm ² Cu	5.23	1/3

1 module = 18 mm

The enclosures can be front mounted on building panels (e.g. plasterboard) by means of PD-RZA-DHA mounting anchors.

The distribution boards are not intended into hollow walls according to EN 62208, EN 61439-1, -3.

For installation in materials of fire reaction class A1, A2 (EN 13501-1).

RZA...-H enclosures into hollow walls according to EN 62208, EN 61439-1, -3

Total number of modules	Number of rows × modules in row	Type	Product code	PE and N terminal blocks	N terminal block for RCCB	Weight [kg]	Package [pcs]
14	1 × 14	RZA-1N14-H	42603	PE 4×16 mm ² + 13×6 mm ² Cu N 4×16 mm ² + 13×6 mm ² Cu	-	2.24	1
28	2 × 14	RZA-2N28-H	42604	PE 4×16 mm ² + 13×6 mm ² Cu N 4×16 mm ² + 13×6 mm ² Cu	N 5×6 mm ² Cu	3.16	1
42	3 × 14	RZA-3N42-H	42605	PE 6×16 mm ² + 18×6 mm ² Cu N 6×16 mm ² + 18×6 mm ² Cu	N 5×6 mm ² Cu	4.38	1
56	4 × 14	RZA-4N56-H	42606	PE 6×16 mm ² + 28×6 mm ² Cu N 6×16 mm ² + 28×6 mm ² Cu	N 5×6 mm ² Cu	5.23	1

1 module = 18 mm

For installation in materials of fire reaction class A1, A2 (EN 13501-1).

Technical information

Total number of modules	Type	Static load [kg]			Power loss [W]	
		per a row	total	of door		
14	RZA-1N14	RZA-1N14-H	2.3	2.3	0	16
28	RZA-2N28	RZA-2N28-H	2.3	4.6	0	22
42	RZA-3N42	RZA-3N42-H	2.3	6.9	0	29
56	RZA-4N56	RZA-4N56-H	2.3	9.2	0	34

Power loss dissipated by the surface of the enclosure, Δt = 22 K (difference between internal and external temperature).

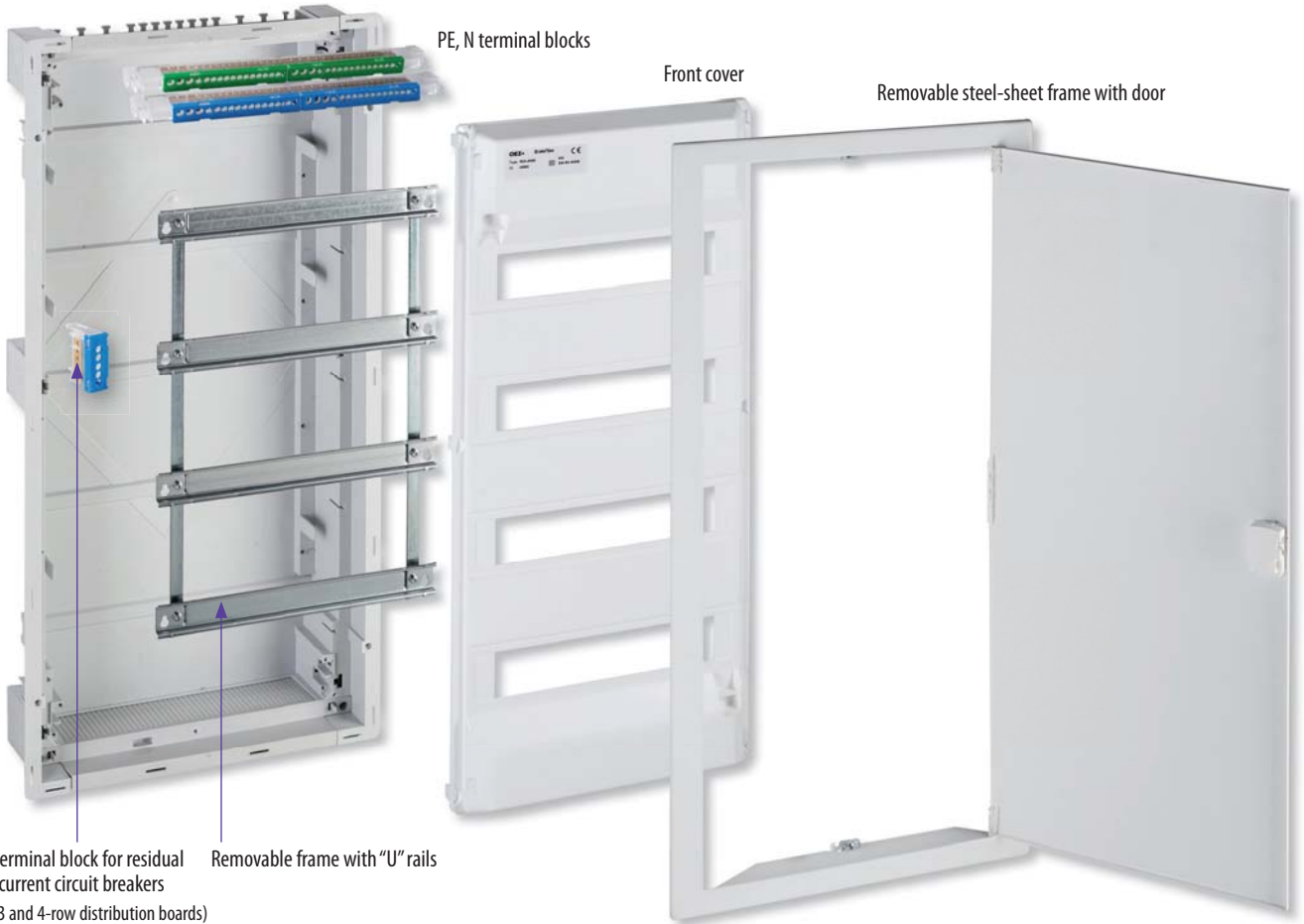
Specifications

Type		RZA
Standards	EN 62208	
Approval marks		
Colour	white (RAL9003)	
Degree of protection	IP30	
Degree of protection against external mechanical shocks	IK07	
Rated values of the used devices	max. 63 A, 230/400 V a.c.	
Rated insulation voltage	500 V a.c.	
Device rail	„U“ rail according to EN 60715 of width 35 mm	
Protection class	II <input type="checkbox"/>	
Door	opening	left/right
	design	non-transparent
	material	steel sheet of thickness 1 mm
Material of base	self-extinguishing thermoplastic - hot loop	RZA-... max. 650 °C
		RZA-...-H max. 850 °C

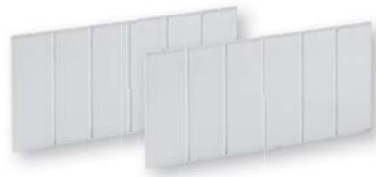
RZA ENCLOSURES

The package standardly contains:

Plastic base with two water levels and removable cable grommets



Mounting anchors to walls
(set of 4 pcs for standard design RZA-...)



Blind plates for 6 modules
(1 pcs for 1 and 2-row; 2 pcs for 3 and 4-row)



Screws for fastening of terminal block and cable grommets
(set of 6 pcs for 1 and 2-row; set of 8 pcs for 3 and 4-row)

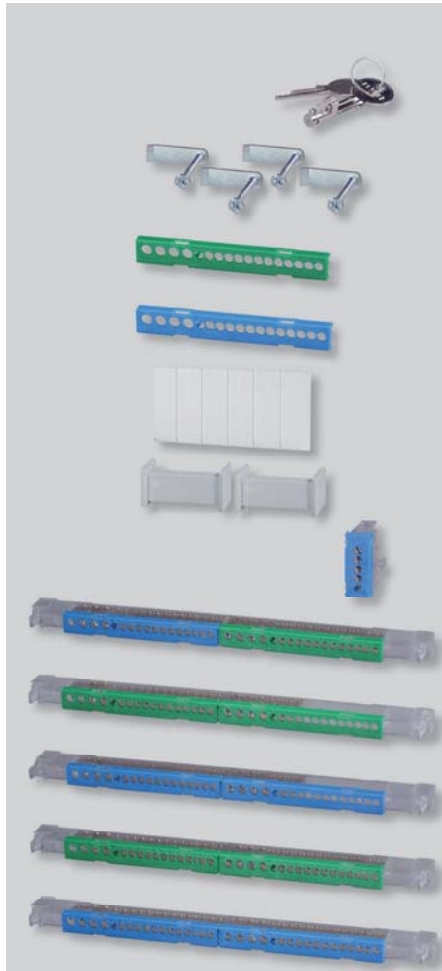


Mounting anchors for installation into hollow walls
(only for design RZA-...-H)

Advantages of steel-plastic enclosures:

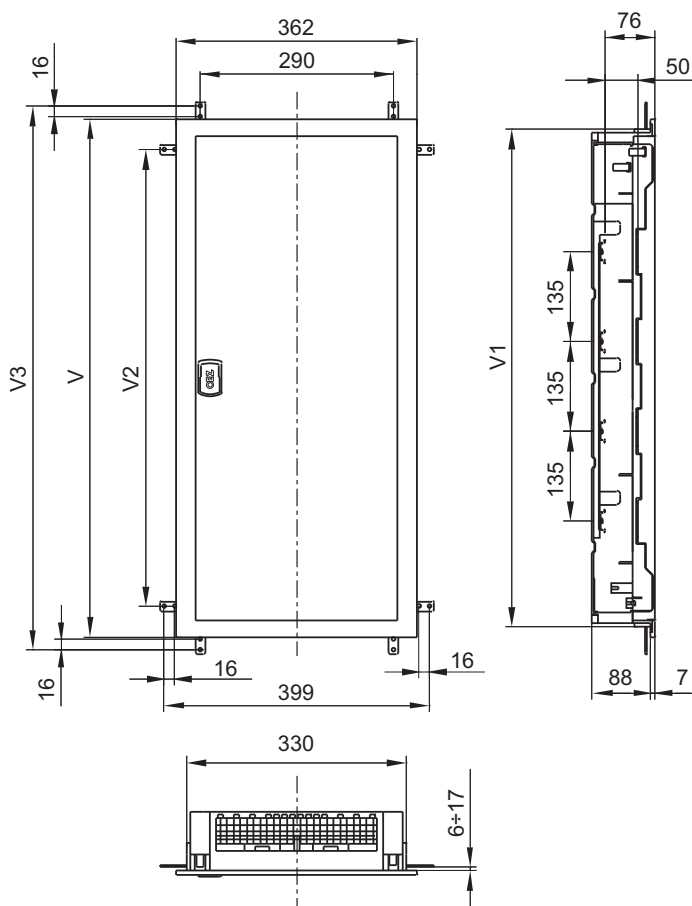
- **Comfortable wiring**
 - sufficient space for cables
 - even with full capacity of 56 modules
- **Easy installation of device**
 - connection of all devices outside the enclosure
 - by means removable frame or single "U" rails
- **Elegant design**
 - minimum wall exceed
 - does not protrude
- **Extra equipment**
 - maximum number of terminals
 - extend mounting facilities
- **Setting into**
 - wall
 - plasterboard

ACCESSORIES OF ENCLOSURES RZA



Type	Product code	Product name	Description	Weight [kg]	Package [pcs]
PD-RZA-UZA	42613	Lock	- Installation below swivel opening door handle - 2 keys, the same combination of keys	0.022	1
PD-RZA-DHA	42616	Mounting anchors	- For installation into hollow walls or on building panels (plasterboard) - Set contains 4 anchors	0.045	1
PD-RZA-KPE17	42618	Cover	- For PE terminal block PE 13×6 mm ² + 4×16 mm ² (1/2 terminal block)	0.010	1
PD-RZA-KN17	42619	Cover	- For PE terminal block N 13×6 mm ² + 4×16 mm ² (1/2 terminal block)	0.010	1
PD-R-ZAS-B	40601	Blind plate	- For covering unused cut-outs - Colour white RAL9003 - Width of 6 modules, possible division by 1/2 module	0.120	1
PD-RZA-SPCA	42615	Mounting set	- For horizontal and vertical connection of enclosures - Set contains 2 jumper	0.020	1
PD-RZA-SB5N	42612	Terminal block	- N 5×6 mm ²	0.023	1
PD-RZA-SB17PE17N	42607	Terminal block	- PE 4×16 mm ² + 13×6 mm ² , - N 4×16 mm ² + 13×6 mm ²	0.150	1
PD-RZA-SB24PE	42608	Terminal block	- PE 6×16 mm ² + 18×6 mm ²	0.100	1
PD-RZA-SB24N	42609	Terminal block	- N 6×16 mm ² + 18×6 mm ²	0.100	1
PD-RZA-SB34PE	42610	Terminal block	- PE 6×16 mm ² + 28×6 mm ²	0.150	1
PD-RZA-SB34N	42611	Terminal block	- N 6×16 mm ² + 28×6 mm ²	0.150	1

Dimensions



Type	V [mm]	V1 [mm]	V2 [mm]	V3 [mm]
RZA-1N14 (-H)	327	297	215	364
RZA-2N28 (-H)	462	432	350	499
RZA-3N42 (-H)	643	613	551	680
RZA-4N56 (-H)	778	748	686	817



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