

Enclosures and switchboard cabinets



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for residential and building installations



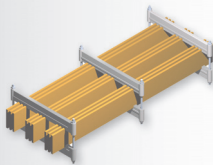
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ENCLOSURES DistriTon



SUMMARY OF MODELS



Type	RZA	RZB	RZG	RZI
Design	steel-plastic	steel-sheet	plastic	plastic with higher degree of protection
Installation	flush-mounted / into hollow walls	flush-mounted / wall-mounted	flush-mounted / wall-mounted / into hollow walls	wall-mounted
Total number of modules	14 ÷ 56	72 ÷ 198	4 ÷ 56	4 ÷ 54
Degree of protection	IP30	IP30	IP40	IP65
Degree of protection against external mechanical impacts	IK07	IK09	IK08	IK08
Rated values of the used devices	max. 63 A, AC 230/400 V	max. 125 A, AC 230/400 V	max. 63 A, AC 230/400 V	max. 63 A, AC 230/400 V
Rated insulation voltage	AC 500 V	AC 500 V	AC 500 V	AC 500 V, DC 1 500 V
Protection class	II	I	II	II
Glow wire test	max. 650 °C / max. 850 °C	max. 650 °C	max. 650 °C / max. 850 °C	max. 650 °C
The standard equipment contains terminal blocks	PE, N, from 28 modules N for RCCB	PE, N, N for RCCBs	PE, N, from 14 modules N for RCCB	PE, N

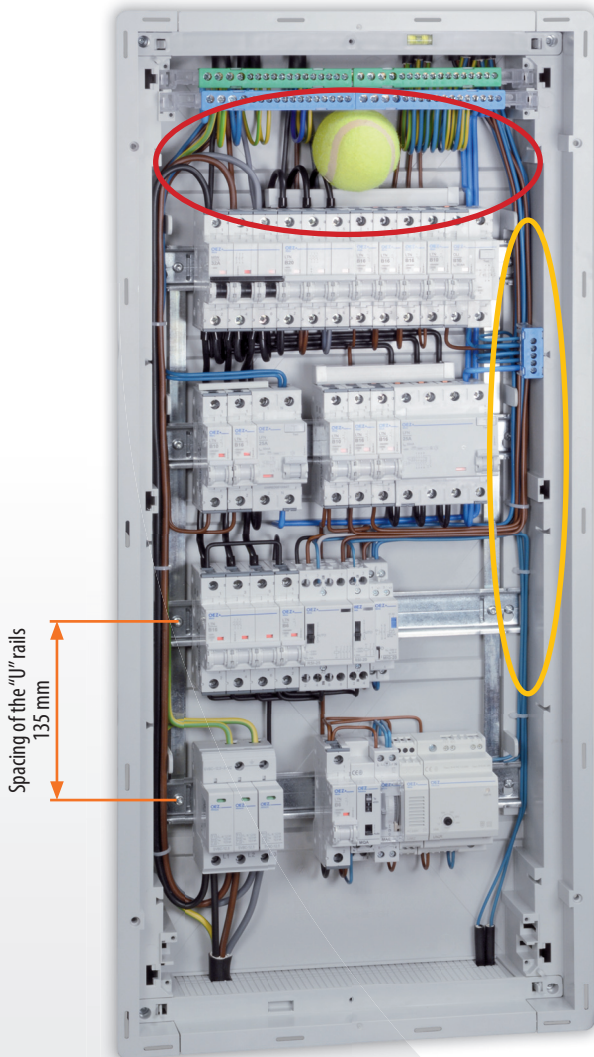
Accessories

Locks 	PD-RA-UZA	PD-RB-UZU	-	PD-RI-UZU
Mounting anchors into wall 	Part of standard supply	PD-RB-4MU	-	-
Mounting anchors into hollow walls 	PD-RA-DHA Part of supply of RZA into hollow walls	-	PD-RG-.. DH Part of supply of RZG into hollow walls	-
Blind plates 	PD-RA-ZAS-B	PD-R-ZAS1000-B	PD-RA-ZAS-B	PD-RI-ZAS-S
PE and N terminal blocks 	PD-RA-SB17PE17N PD-RA-SB24PE PD-RA-SB24N PD-RA-SB34PE PD-RA-SB34N	PD-RB-SB25 PD-RB-SB30 PD-RB-SB40 PD-RB-SB47 PD-RB-SB62 PD-RB-SB82 + holders	PD-RG-SB8 PD-RG-SB14	-
N terminal blocks for RCCB 	PD-RA-SB5N	PD-RB-SB7N + holders	PD-RG-SB5	-

DESCRIPTION

Enhanced space

RZA



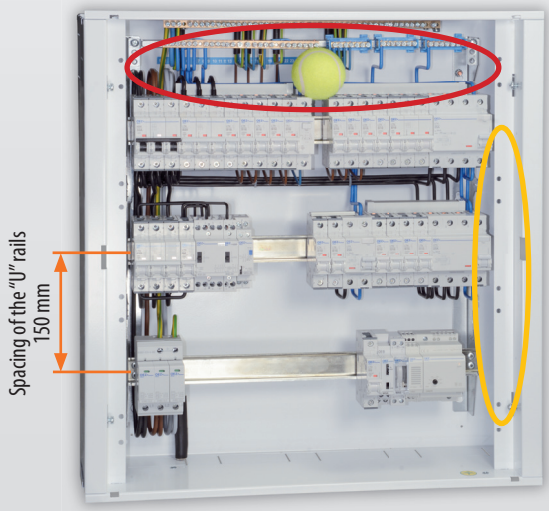
- ▶ **Comfort space at terminal block**
 - ▷ exceptional distance of terminal blocks from the first row of devices
 - ▷ large space for connection of inlet conductors
 - ▷ large space for creation of reserves especially at outlet conductors
 - ▷ enough space for conductors also after interconnection of the devices by means of the upper busbar

- ▶ **Space under the "U" rails**
 - ▷ large space for conductors below "U" rails
 - 10 mm at RZA, RZG
 - 45 mm at RZI
 - 50 mm at RZB

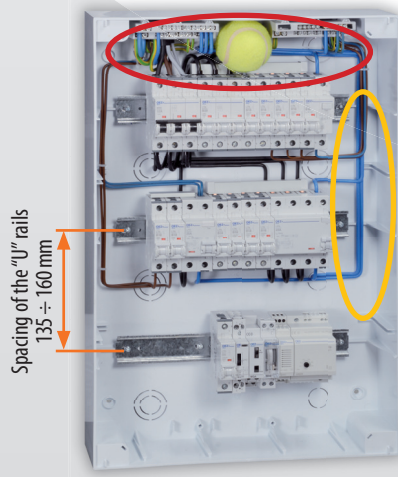
- ▶ **Space at the sides of the enclosure**
 - ▷ plenty of space for conductors at usual equipment density
 - ▷ comfortable work even in case of installation of the maximum number of devices in the row

- ▶ **Maximum space between the rows of devices**
 - ▷ all enclosures offer the most space in their category
 - ▷ plenty of space for both interconnection of device and connection of outlet conductors
 - 135 mm at RZA
 - 135 ÷ 160 mm at RZG
 - 150 mm at RZI
 - 150 mm at RZB

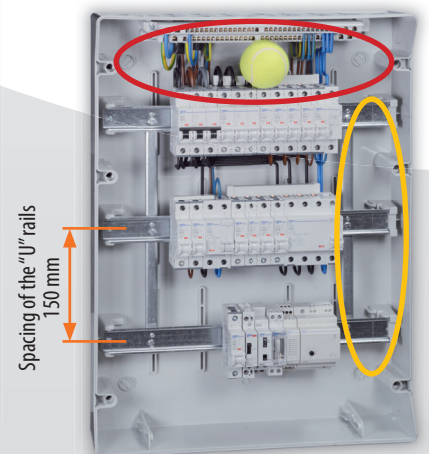
RZB



RZG



RZI

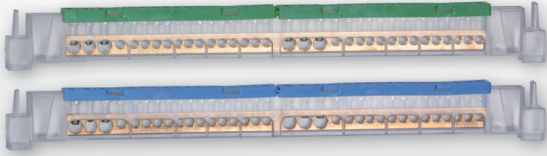


DESCRIPTION

Large number of terminals

RZA

PE and N terminal blocks



N terminal block for RCCB



Number of terminals

Number of modules	Number of terminals		
	PE	N	N for RCCB
14	17	17	-
28	17	17	1x 5
42	24	24	1x 5
56	34	34	1x 5

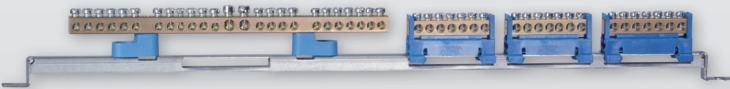
RZB

PE terminal block



N terminal block

N terminal blocks for RCCBs



Number of terminals

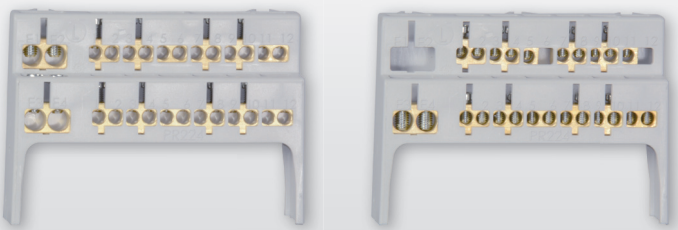
Number of modules	Number of terminals		
	PE	N	N for RCCB
72	47	25	3x 7
96	47	25	3x 7
120	62	30	4x 7
144	62	30	5x 7
132	62	40	4x 7
165	82	40	5x 7
198	82	40	5x 7

RZG

Two PE terminal blocks

Two N terminal blocks for RCCBs

N terminal block



Number of terminals

Number of modules	Number of terminals		
	PE	N	N for RCCB
4	8	5	-
8	14	5	1x 5
14	14	5	1x 5
18	14	14	1x 5
24	2x 14	14	2x 5
40	2x 14	14	2x 5
42	2x 14	14	2x 5
56	2x 14	14	2x 5

RZI

PE terminal block



N terminal block



Number of terminals

Number of modules	Number of terminals		
	PE	N	N for RCCB
4	5	5	-
6	5	5	-
8	9	9	-
12	14	14	-
18	18	18	-
24	18	18	-
36	26	26	-
36	26	26	-
54	36	36	-

DESCRIPTION

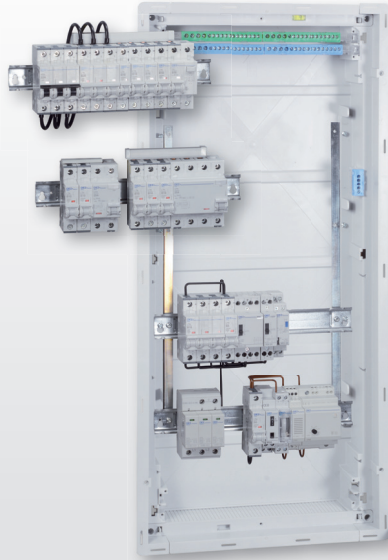
Variability of the assembly

RZA

Two possibilities of interconnection of devices



- interconnection of all devices out of the base
- insertion of the frame with devices into the base



- interconnection of devices in individual rows out of the base
- gradual insertion of interconnected rows of devices into the base
- it is not necessary to put conductors under several rails at the same time

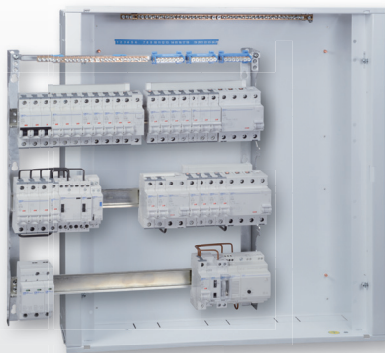
Variability of the assembly



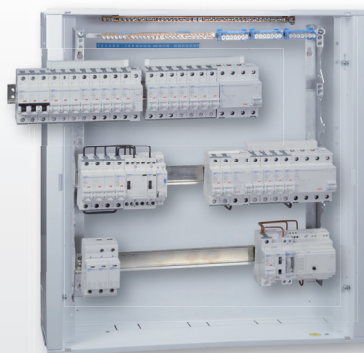
- PE, N terminal blocks can be placed both up and down
- N terminal block for RCCB can be placed in as many as ten places on the sides of the base
- removable front frame with door
- depth correction of wrong walling as much as 17 mm

RZB

Two possibilities of interconnection of devices



- interconnection of all devices out of the base
- insertion of the frame with devices into the base



- interconnection of devices in the first row out of the base
- insertion of the first row into the base after the pulling through of conductors to the lower rows

Variability of the assembly



- all terminal blocks can be placed in both upper and lower positions
- removable front frame with door
- depth correction of wrong walling as much as 16 mm

STEEL-PLASTIC FLUSH-MOUNTED ENCLOSURES RZA



Basic description

- For building, residential and similar installations.
- Suitable for installation of modular devices Minia.
- Colour: white (RAL 9003).
- Door: non-transparent, opening right/left.
- For mounting devices on "U" rails according to EN 60715 of width 35 mm with cut-out in 45 mm cover plate.
- Design RZA-...-IT2 for installation of data communication equipment.
- Removable frame with "U" rails.
- 1 module = 18 mm.
- Enclosures into hollow walls contain mounting anchors for installation into hollow walls.

Advantages

- Comfort space at terminal block.
- Large number of terminals.
- Variable installation.
- Base depth is only 88 mm.
- Elegant design.

Flush-mounted enclosures RZA

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	14	1 x 14	RZA-Z-1S14	OEZ:42599	2.24	1
	28	2 x 14	RZA-Z-2S28	OEZ:42600	3.16	1
	42	3 x 14	RZA-Z-3S42	OEZ:42601	4.38	1
	56	4 x 14	RZA-Z-4S56	OEZ:42602	5.23	1

Flush-mounted enclosures into hollow walls RZA-Z-....-H

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	14	1 x 14	RZA-Z-1S14-H	OEZ:42603	2.24	1
	28	2 x 14	RZA-Z-2S28-H	OEZ:42604	3.16	1
	42	3 x 14	RZA-Z-3S42-H	OEZ:42605	4.38	1
	56	4 x 14	RZA-Z-4S56-H	OEZ:42606	5.23	1

Flush-mounted data enclosures RZA-Z-....-IT2

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	14	1 x 14	RZA-Z-3S14-IT2	OEZ:44578	3.74	1

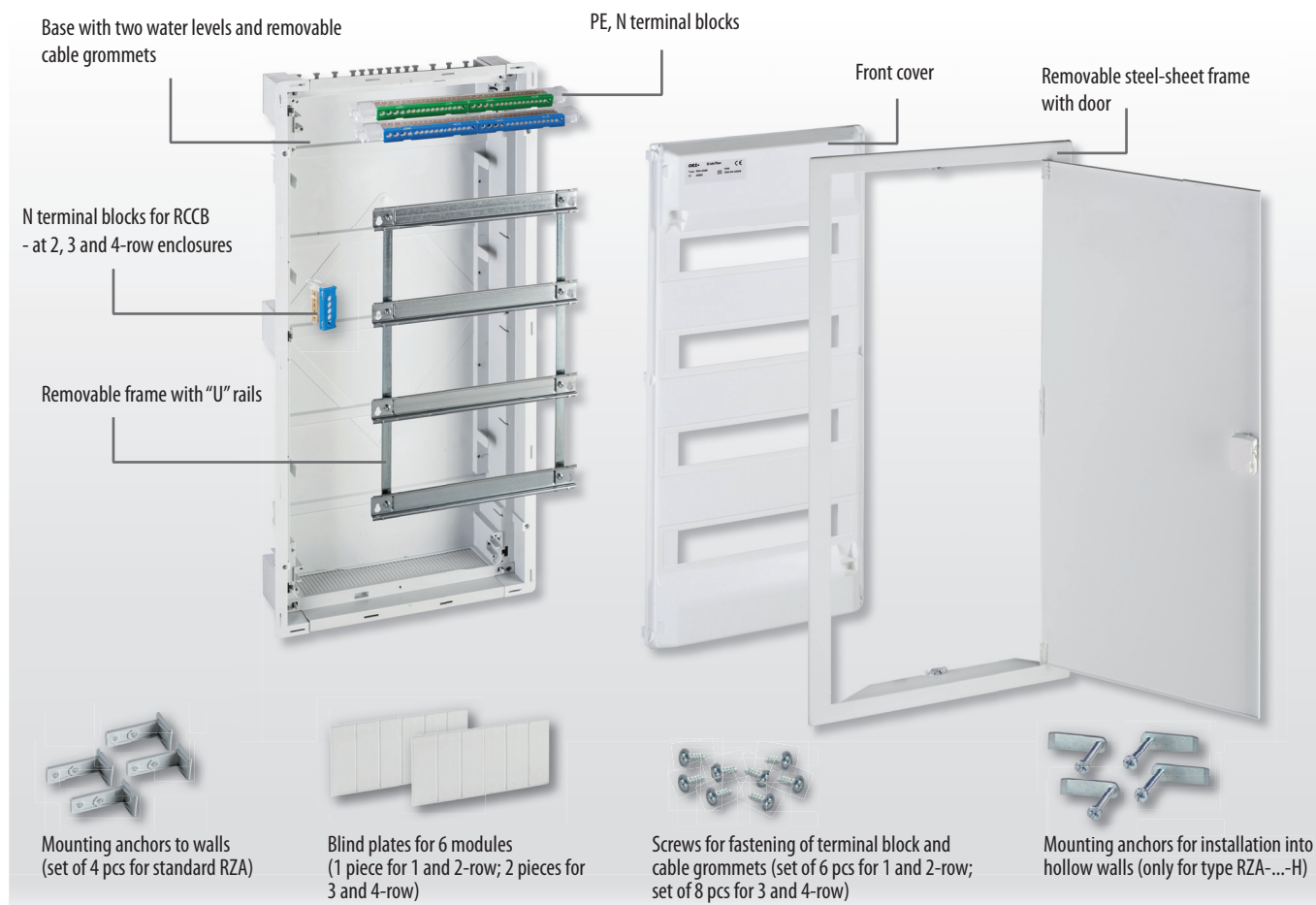
Accessories

Lock	PD-RA-UZA	page B10
Mounting anchors	PD-RA-DHA	page B10
Covers	PD-RA-K..	page B10
Blind plate	PD-RA-ZAS-B	page B10
Mounting set	PD-RA-SPCA	page B10
Terminal blocks	PD-RA-SB..	page B10
Spare parts	ND-RA-..	page B11

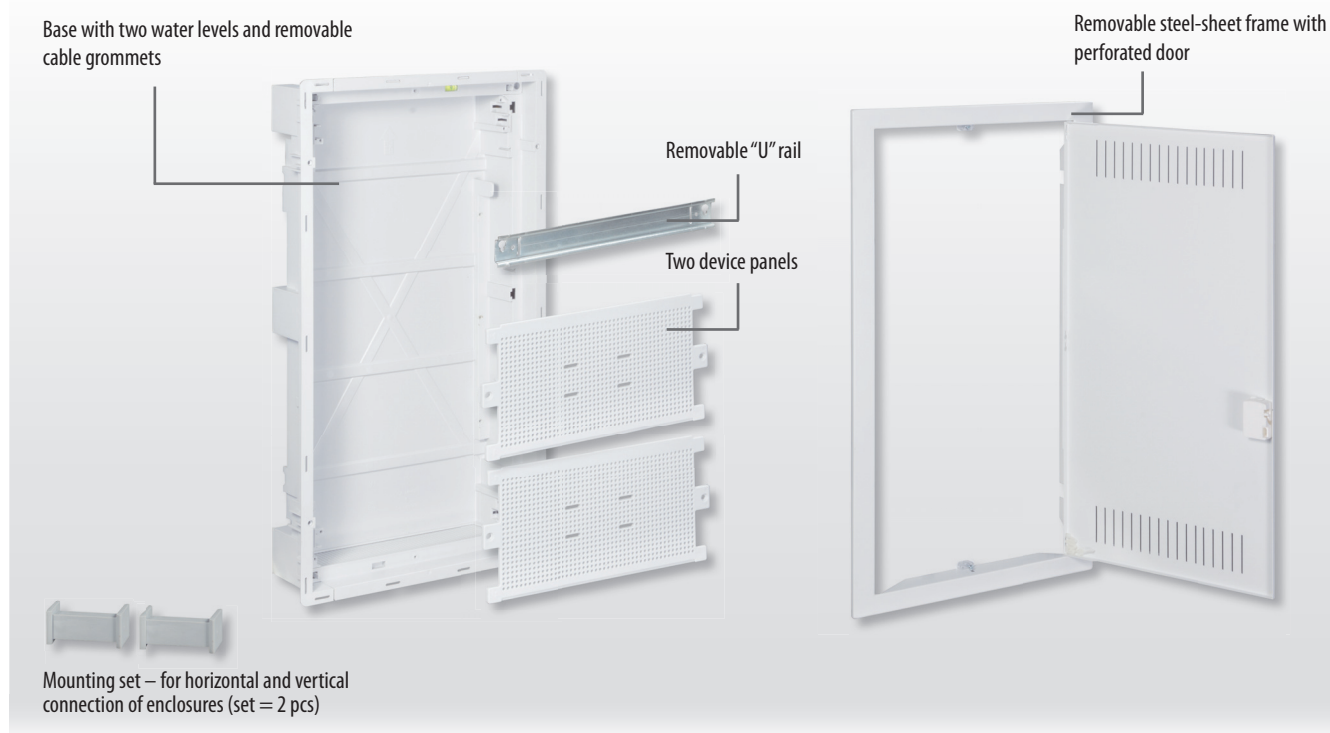
STEEL-PLASTIC FLUSH-MOUNTED ENCLOSURES RZA

Standard content of package

RZA



RZA-Z-3S14-IT2



STEEL-PLASTIC FLUSH-MOUNTED ENCLOSURES RZA

Specifications

Type	RZA	RZA-Z-...-H	RZA-Z-3S14-IT2
Standards	IEC 62208 EN 62208	IEC 62208 EN 62208	IEC 62208 EN 62208
Approval marks			
Installation	flush-mounted	into hollow walls	flush-mounted
Glow wire test	max. 650 °C	max. 850 °C	max. 650 °C
Degree of protection	IP30	IP30	IP30
Rated values of the used devices	max. 63 A, AC 230/400 V	max. 63 A, AC 230/400 V	max. 63 A, AC 230/400 V
Rated insulation voltage	AC 500 V	AC 500 V	AC 500 V
Degree of protection against external mechanical impacts	IK07	IK07	IK07
Protection class	II	II	II
For installation on materials of fire reaction class	A1, A2 according to EN 13501-1	A1, A2 according to EN 13501-1	A1, A2 according to EN 13501-1
Device rail	"U" rails according to EN 60715 of width 35 mm	"U" rails according to EN 60715 of width 35 mm	"U" rails according to EN 60715 of width 35 mm
Material			
Material of front cover	self-extinguishing thermoplastic	self-extinguishing thermoplastic	-
Material of base	self-extinguishing thermoplastic	self-extinguishing thermoplastic	self-extinguishing thermoplastic
Material of door	steel sheet of thickness 1 mm	steel sheet of thickness 1 mm	steel sheet of thickness 1 mm
Door			
Opening	right/left	right/left	right/left
Design	non-transparent	non-transparent	non-transparent
Colour	white (RAL9003)	white (RAL9003)	white (RAL9003)

Type designation

RZA-Z-4S56-IT2



Power loss and static load

Type	Power loss * [W]	Static load [kg]	
		per a row	total
RZA-Z-1S14	16	2.3	2.3
RZA-Z-2S28	22	2.3	4.6
RZA-Z-3S42	29	2.3	6.9
RZA-Z-4S56	34	2.3	9.2
RZA-Z-1S14-H	16	2.3	2.3
RZA-Z-2S28-H	22	2.3	4.6
RZA-Z-3S42-H	29	2.3	6.9
RZA-Z-4S56-H	34	2.3	9.2
RZA-Z-3S14-IT2	29	2.3	6.9

* Power loss dissipated by the surface of the enclosure for $\Delta T = 22$ K (difference between internal and external temperature) according to IEC 890 + A1.

Terminal blocks

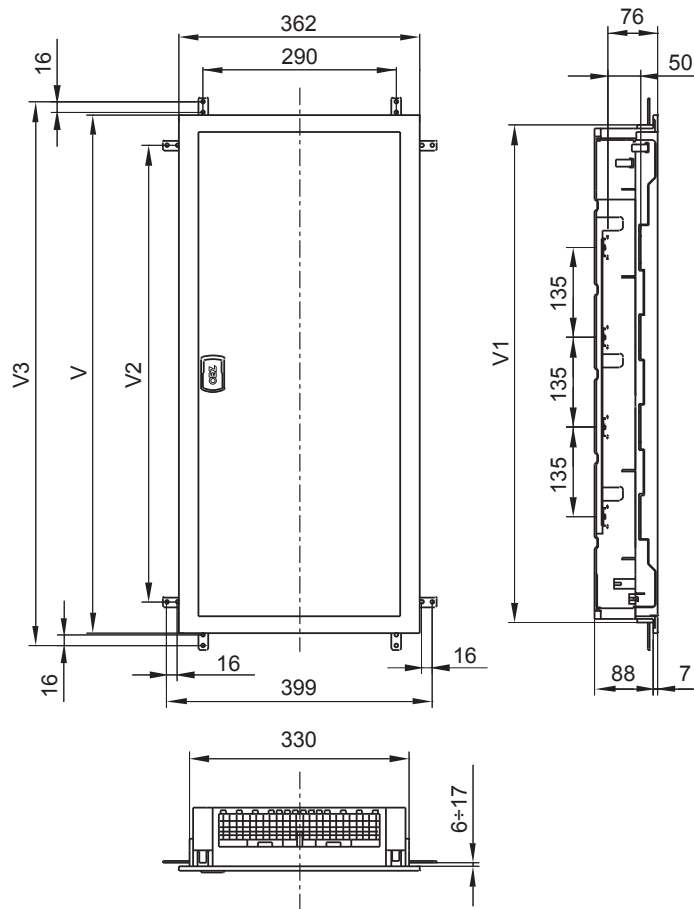
Type	Terminal blocks		N terminal blocks 5x 6 mm ² for RCCBs
	PE	N	
RZA-Z-1S14	4x 16 mm ² + 13x 6 mm ² Cu	4x16 mm ² + 13x 6 mm ² Cu	-
RZA-Z-2S28	4x 16 mm ² + 13x 6 mm ² Cu	4x16 mm ² + 13x 6 mm ² Cu	1 pc
RZA-Z-3S42	6x 16 mm ² + 18x 6 mm ² Cu	6x16 mm ² + 18x 6 mm ² Cu	1 pc
RZA-Z-4S56	6x 16 mm ² + 28x 6 mm ² Cu	6x16 mm ² + 28x 6 mm ² Cu	1 pc
RZA-Z-1S14-H	4x 16 mm ² + 13x 6 mm ² Cu	4x16 mm ² + 13x 6 mm ² Cu	-
RZA-Z-2S28-H	4x 16 mm ² + 13x 6 mm ² Cu	4x16 mm ² + 13x 6 mm ² Cu	1 pc
RZA-Z-3S42-H	6x 16 mm ² + 18x 6 mm ² Cu	6x16 mm ² + 18x 6 mm ² Cu	1 pc
RZA-Z-4S56-H	6x 16 mm ² + 28x 6 mm ² Cu	6x16 mm ² + 28x 6 mm ² Cu	1 pc

Data enclosure

Type	Mounting plates for IT devices
RZA-Z-3S14-IT2	2x (134 x 237 mm)

STEEL-PLASTIC FLUSH-MOUNTED ENCLOSURES RZA

Dimensions



Type	V [mm]	V1 [mm]	V2 [mm]	V3 [mm]
RZA-Z-1S14 (-H)	327	297	215	364
RZA-Z-2S28 (-H)	462	432	350	499
RZA-Z-3S42 (-H,..14-IT2)	643	613	551	680
RZA-Z-4S56 (-H)	778	748	686	817

RZA ACCESSORIES



PD-RA-UZA

Lock

- Installation below swivel opening door handle.
- 2 keys with the same combination.

Type	Order code	Weight [kg]	Package [pcs]
PD-RA-UZA	OEZ:42613	0.022	1



PD-RA-DHA

Mounting anchors

- For installation on building boards (plasterboards) or in hollow walls.
- Set of 4 pcs.
- Part of supply of RZA-Z-....-H.

Type	Order code	Weight [kg]	Package [pcs]
PD-RA-DHA	OEZ:42616	0.045	1



PD-RA-KPE17



PD-RA-KN17

Covers

Type	Order code	For terminal block	Weight [kg]	Package [pcs]
PD-RA-KPE17	OEZ:42618	PE 13x 6 mm ² + 4x 16 mm ²	0.010	1
PD-RA-KN17	OEZ:42619	N 13x 6 mm ² + 4x 16 mm ²	0.010	1



PD-RA-ZAS-B

Blind plate

- For covering unused cut-outs.
- White RAL9003.
- Width of 6 modules, possible division by 1/2 module.

Type	Order code	Weight [kg]	Package [pcs]
PD-RA-ZAS-B	OEZ:40601	0.120	1



PD-RA-SPCA

Mounting set

- For horizontal and vertical connection of enclosures.
- Set of 2 pcs.

Type	Order code	Weight [kg]	Package [pcs]
PD-RA-SPCA	OEZ:42615	0.020	1

PD-RA-SB5N



Terminal blocks

Type	Order code	Description	Weight [kg]	Package [pcs]
PD-RA-SB5N	OEZ:42612	for RCCB N 5x 6 mm ²	0.023	1
PD-RA-SB17PE17N	OEZ:42607	PE 4x 16 mm ² + 13x 6 mm ² N 4x 16 mm ² + 13x 6 mm ²	0.150	1
PD-RA-SB24PE	OEZ:42608	PE 6x 16 mm ² + 18x 6 mm ²	0.100	1
PD-RA-SB24N	OEZ:42609	N 6x 16 mm ² + 18x 6 mm ²	0.100	1
PD-RA-SB34PE	OEZ:42610	PE 6x 16 mm ² + 28x 6 mm ²	0.150	1
PD-RA-SB34N	OEZ:42611	N 6x 16 mm ² + 28x 6 mm ²	0.150	1

PD-RA-SB17PE17N

PD-RA-SB24PE

PD-RA-SB24N

PD-RA-SB34PE

PD-RA-SB34N

RZA ACCESSORIES

Spare parts

Type	Order code	Description	Weight [kg]	Package [pcs]
ND-RA-DR1S14	OEZ:45683	complete set of door with front frame (including closing, hinges and screws for fastening to the base), for RZA-Z-1S14	1.105	1
ND-RA-DR2S28	OEZ:45684	complete set of door with front frame (including closing, hinges and screws for fastening to the base), for RZA-Z-2S28	1.512	1
ND-RA-DR3S42	OEZ:45685	complete set of door with front frame (including closing, hinges and screws for fastening to the base), for RZA-Z-3S42	1.985	1
ND-RA-DR4S56	OEZ:45686	complete set of door with front frame (including closing, hinges and screws for fastening to the base), for RZA-Z-4S56	2.364	1
ND-RA-PDAP	OEZ:45689	door hinge and pin, for RZA	0.002	1
ND-RA-UA	OEZ:42630	closing, for RZA	0.012	1
ND-RA-SCRZ-2	OEZ:42648	screws and holders for front frame fastening, 2 pcs, for RZA	0.007	1
ND-RA-PPIT	OEZ:45687	device panel, for RZA-Z-3S14-IT2	0.110	1
PD-RA-4MU	OEZ:42614	mounting anchors for mounting to wall, set of 4 pcs, for RZA	0.020	1
ND-RA-KMV1S14	OEZ:42631	front cover, for RZA-Z-1S14	0.189	1
ND-RA-KMV2S28	OEZ:42632	front cover, for RZA-Z-2S28	0.254	1
ND-RA-KMV3S42	OEZ:42633	front cover, for RZA-Z-3S42	0.342	1
ND-RA-KMV4S56	OEZ:42634	front cover, for RZA-Z-4S56	0.403	1
ND-RA-D1S14	OEZ:42621	door without closing and hinges, for RZA-Z-1S14	0.579	1
ND-RA-D2S28	OEZ:42622	door without closing and hinges, for RZA-Z-2S28	0.869	1
ND-RA-D3S42	OEZ:42623	door without closing and hinges, for RZA-Z-3S42	1.200	1
ND-RA-D4S56	OEZ:42624	door without closing and hinges, for RZA-Z-4S56	1.452	1
ND-RA-D3S14-IT2	OEZ:45688	perforated door without closing and hinges, for RZA-Z-3S14-IT2	1.200	1
ND-RA-CR1S14	OEZ:42625	front frame without hinges and screws, for RZA-Z-1S14	0.505	1
ND-RA-CR2S28	OEZ:42626	front frame without hinges and screws, for RZA-Z-2S28	0.622	1
ND-RA-CR3S42	OEZ:42627	front frame without hinges and screws, for RZA-Z-3S42 and RZA-Z-3S14-IT2	0.774	1
ND-RA-CR4S56	OEZ:42628	front frame without hinges and screws, for RZA-Z-4S56	0.891	1
ND-RA-R1S14	OEZ:42635	"U" rail, for RZA-Z-1S14 and RZA-Z-3S14-IT2	0.093	1
ND-RA-R2S28	OEZ:42636	frame of "U" rails, for RZA-Z-2S28	0.279	1
ND-RA-R3S42	OEZ:42637	frame of "U" rails, for RZA-Z-3S42	0.447	1
ND-RA-R4S56	OEZ:42638	frame of "U" rails, for RZA-Z-4S56	0.617	1
ND-RA-V1S14	OEZ:42639	base, for RZA-Z-1S14	0.422	1
ND-RA-V2S28	OEZ:42640	base, for RZA-Z-2S28	0.580	1
ND-RA-V3S42	OEZ:42641	base, for RZA-Z-3S42 and RZA-Z-3S14-IT2	0.830	1
ND-RA-V4S56	OEZ:43017	base, for RZA-Z-4S56	0.979	1
ND-RA-V1S14-H	OEZ:42643	base, for RZA-Z-1S14-H	0.422	1
ND-RA-V2S28-H	OEZ:42644	base, for RZA-Z-2S28-H	0.580	1
ND-RA-V3S42-H	OEZ:42645	base, for RZA-Z-3S42-H	0.830	1
ND-RA-V4S56-H	OEZ:42646	base, for RZA-Z-4S56-H	0.979	1
ND-RA-VP	OEZ:42647	grommet, for RZA	0.064	1
ND-RA-VP-H	OEZ:42805	grommet, for RZA...-H	0.064	1
ND-RA-DPEN34	OEZ:42650	main terminal block holder, for RZA	0.023	1
ND-RA-DN5	OEZ:42651	terminal block bracket 5x 6 mm ² , for RZA	0.005	1
ND-RA-KN5	OEZ:42652	cover, for terminal block, N, 5x 6 mm ² , for RZA	0.001	1
ND-RA-SB17	OEZ:42653	terminal block 13x 6 mm ² + 4x 16 mm ² , for RZA	0.050	1
ND-RA-SB24	OEZ:42654	terminal block 18x 6 mm ² + 6x 16 mm ² , for RZA	0.074	1
ND-RA-SB34	OEZ:42655	terminal block 28x 6 mm ² + 6x 16 mm ² , for RZA	0.101	1
ND-RA-SB5	OEZ:42656	terminal block 5x 6 mm ² , for RZA	0.015	1
ND-RA-SCUZ-2	OEZ:42649	screws for "U" rail frame fastening, for RZA	0.002	1

STEEL-SHEET FLUSH- AND WALL-MOUNTED ENCLOSURES RZB



Basic description

- For building, residential and similar installations.
- Suitable for installation of modular devices Minia.
- Colour: white (RAL 9003).
- Door: non-transparent, opening right/left.
- 24 and 33 modules in a row, 3 ÷ 6 rows.
- For mounting devices on "U" rails according to EN 60715 of width 35 mm with cut-out in 45 mm cover plate.
- Removable frame with "U" rails.
- 1 module = 18 mm.

Advantages

- Comfort space under the "U" rails.
- Large number of terminals.
- Spacing of the "U" rails 150 mm.
- Reinforced removable frame with "U" rails.
- Steel-sheet front covers.

Flush-mounted RZB-Z

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	72	3 x 24	RZB-Z-3S72	OEZ:44451	11.7	1
	96	4 x 24	RZB-Z-4S96	OEZ:44452	13.9	1
	120	5 x 24	RZB-Z-5S120	OEZ:44453	16.7	1
	144	6 x 24	RZB-Z-6S144	OEZ:44454	19.3	1
	132	4 x 33	RZB-Z-4S132	OEZ:44455	17.5	1
	165	5 x 33	RZB-Z-5S165	OEZ:44456	20.5	1
	198	6 x 33	RZB-Z-6S198	OEZ:44457	23.1	1

Wall-mounted RZB-N

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	72	3 x 24	RZB-N-3S72	OEZ:44458	14.2	1
	96	4 x 24	RZB-N-4S96	OEZ:44459	17.1	1
	120	5 x 24	RZB-N-5S120	OEZ:44460	20.0	1
	144	6 x 24	RZB-N-6S144	OEZ:44461	22.9	1
	132	4 x 33	RZB-N-4S132	OEZ:44462	19.9	1
	165	5 x 33	RZB-N-5S165	OEZ:44463	23.3	1
	198	6 x 33	RZB-N-6S198	OEZ:44464	26.7	1

Wall-mounted RZB-N - cable grommets

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Number of cable grommets	Number of cables	Cable grommets design, cables diameter [mm]
Non-transparent	72	3 x 24	RZB-N-3S72	OEZ:44458	1	51	50x (7 ÷ 13), 1x (15 ÷ 25)
	96	4 x 24	RZB-N-4S96	OEZ:44459	1	51	50x (7 ÷ 13), 1x (15 ÷ 25)
	120	5 x 24	RZB-N-5S120	OEZ:44460	1	51	50x (7 ÷ 13), 1x (15 ÷ 25)
	144	6 x 24	RZB-N-6S144	OEZ:44461	1	51	50x (7 ÷ 13), 1x (15 ÷ 25)
	132	4 x 33	RZB-N-4S132	OEZ:44462	2	2x 51	2x (50x (7 ÷ 13), 1x (15 ÷ 25))
	165	5 x 33	RZB-N-5S165	OEZ:44463	2	2x 51	2x (50x (7 ÷ 13), 1x (15 ÷ 25))
	198	6 x 33	RZB-N-6S198	OEZ:44464	2	2x 51	2x (50x (7 ÷ 13), 1x (15 ÷ 25))

Other cable grommets can be added after making a cutout - see the accessories to wall-mounted switchboard cabinets NP page D25: - 1 piece up next to the existing cable grommets
- 1 ÷ 3 pieces down.

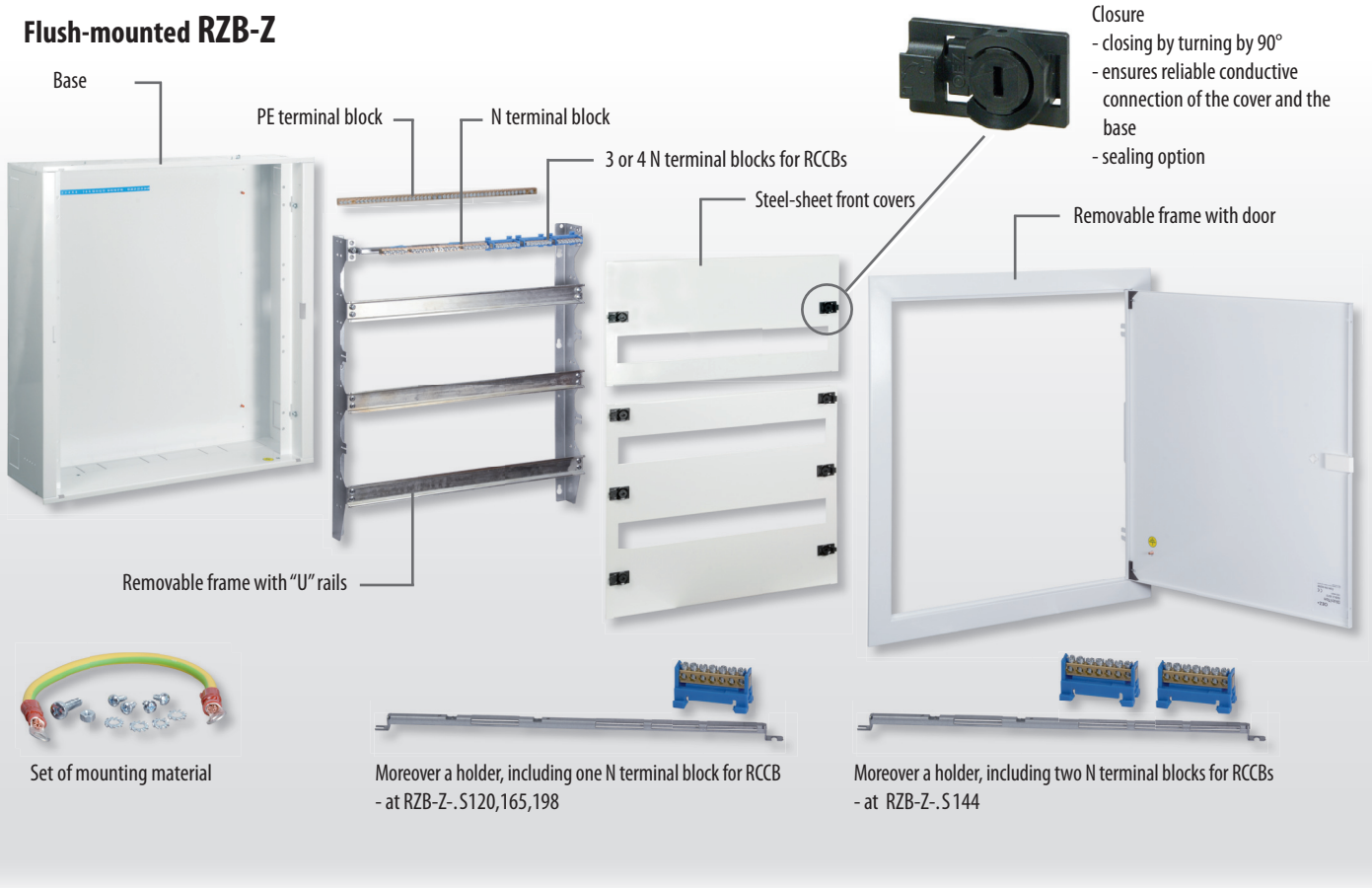
Accessories

Lock	PD-RB-UZU	page B16
Mounting anchors	PD-RB-4MU	page B16
Terminal blocks	PD-RB-SB..	page B16
Holder	PD-RB-DSB..	page B16
Pocket	PD-RB-DVA4PS	page B16
Blind plate	PD-R-ZAS1000-B	page B16
Welts	PD-RB-1LEM..	page B16
Spare parts	ND-RB-., ND-RBZ-., ND-RBN-..	page B17

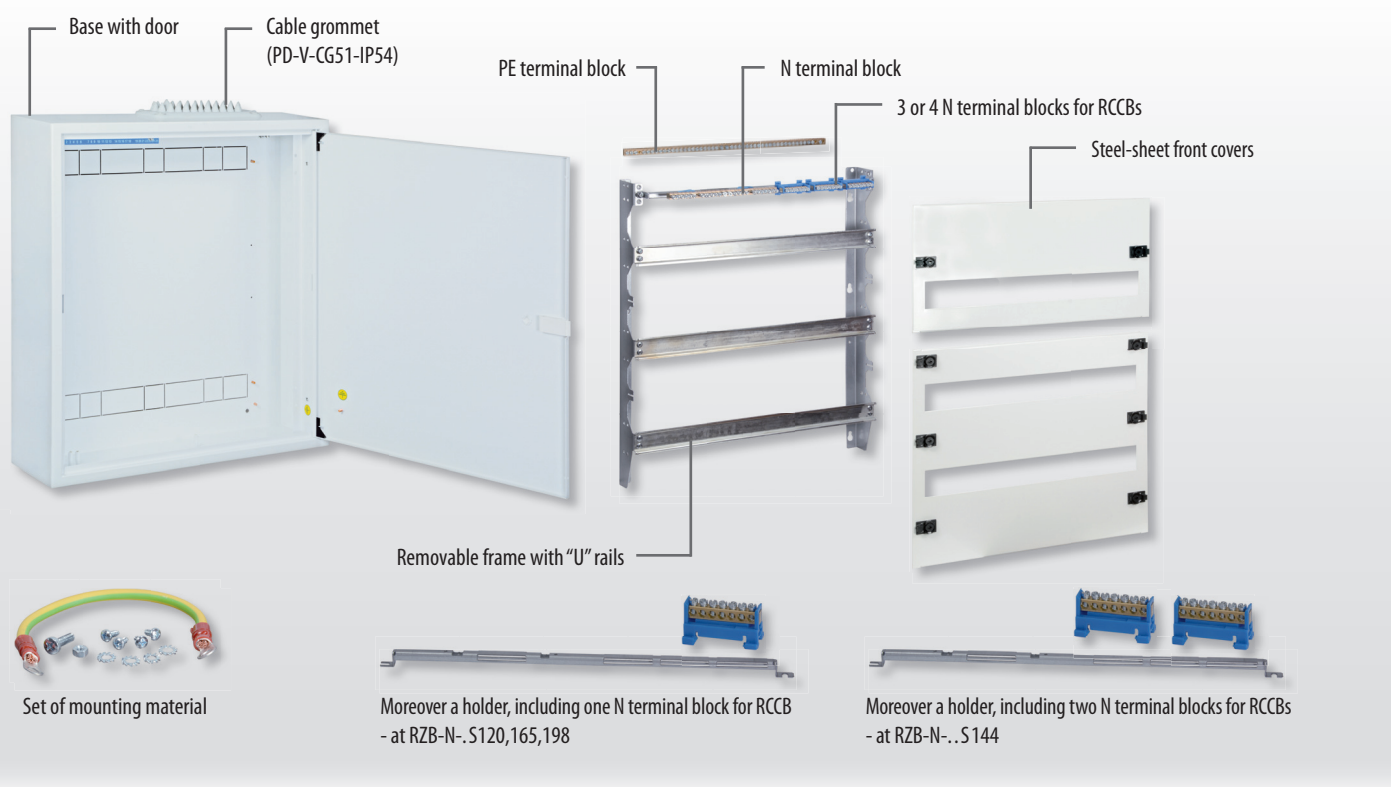
STEEL-SHEET FLUSH- AND WALL-MOUNTED ENCLOSURES RZB

Standard content of package

Flush-mounted RZB-Z



Wall-mounted RZB-N

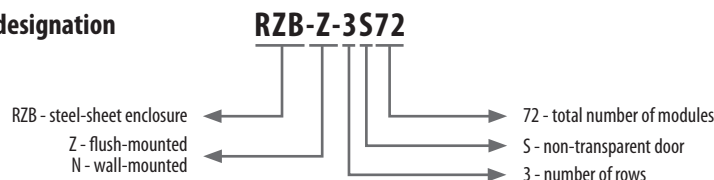


STEEL-SHEET FLUSH- AND WALL-MOUNTED ENCLOSURES RZB

Specifications

Type	RZB-Z	RZB-N
Standards	IEC 62208 EN 62208	IEC 62208 EN 62208
Approval marks		
Installation	flush-mounted	wall-mounted
Cable grommet	-	for 51 or 102 cables
Degree of protection	IP30	IP30
Rated values of the used devices	max. 125 A, AC 230/400 V	max. 125 A, AC 230/400 V
Rated insulation voltage	AC 500 V	AC 500 V
Degree of protection against external mechanical impacts	IK09	IK09
Protection class	I	I
For installation on materials of fire reaction class	A1, A2 according to EN 13501-1	A1, A2 according to EN 13501-1
Device rail	"U" rail according to EN 60715 of width 35 mm	"U" rail according to EN 60715 of width 35 mm
Material		
Material of front cover	steel sheet	steel sheet
Material of base	steel sheet	steel sheet
Material of door	steel sheet	steel sheet
Door		
Opening	right/left	right/left
Design	non-transparent	non-transparent
Colour	white (RAL9003)	white (RAL9003)

Type designation



Power loss and static load

Type	Power loss * [W]	Static load [kg]	
		per a row	total
RZB-Z-3S72	80	7.85	23.5
RZB-Z-4S96	92	7.85	31.4
RZB-Z-5S120	107	7.85	39.2
RZB-Z-6S144	121	7.85	47.1
RZB-Z-4S132	117	7.85	31.4
RZB-Z-5S165	133	7.85	39.2
RZB-Z-6S198	140	7.85	47.1
RZB-N-3S72	86	7.85	23.5
RZB-N-4S96	101	7.85	31.4
RZB-N-5S120	115	7.85	39.2
RZB-N-6S144	130	7.85	47.1
RZB-N-4S132	127	7.85	31.4
RZB-N-5S165	137	7.85	39.2
RZB-N-6S198	153	7.85	47.1

* Power loss dissipated by the surface of the enclosure for $\Delta T = 15$ K (difference between internal and external temperature) according to IEC 890 + A1.

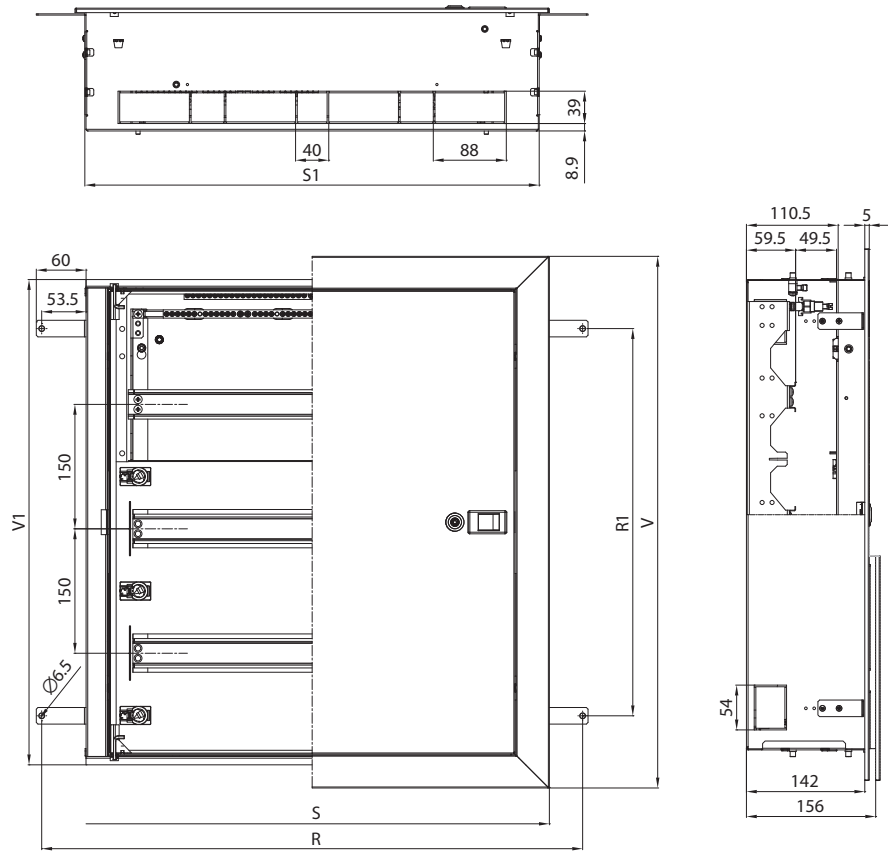
Terminal blocks

Type	Terminal blocks		N terminal blocks 7x 16 mm ² for RCCBs
	PE	N	
RZB-Z-3S72	2x 25 mm ² + 45x 16 mm ²	2x 25 mm ² + 23x 16 mm ²	3 pcs
RZB-Z-4S96	2x 25 mm ² + 45x 16 mm ²	2x 25 mm ² + 23x 16 mm ²	3 pcs
RZB-Z-5S120	2x 25 mm ² + 60x 16 mm ²	2x 25 mm ² + 28x 16 mm ²	4 pcs
RZB-Z-6S144	2x 25 mm ² + 60x 16 mm ²	2x 25 mm ² + 28x 16 mm ²	5 pcs
RZB-Z-4S132	2x 25 mm ² + 60x 16 mm ²	2x 25 mm ² + 38x 16 mm ²	4 pcs
RZB-Z-5S165	2x 25 mm ² + 80x 16 mm ²	2x 25 mm ² + 38x 16 mm ²	5 pcs
RZB-Z-6S198	2x 25 mm ² + 80x 16 mm ²	2x 25 mm ² + 38x 16 mm ²	5 pcs
RZB-N-3S72	2x 25 mm ² + 45x 16 mm ²	2x 25 mm ² + 23x 16 mm ²	3 pcs
RZB-N-4S96	2x 25 mm ² + 45x 16 mm ²	2x 25 mm ² + 23x 16 mm ²	3 pcs
RZB-N-5S120	2x 25 mm ² + 60x 16 mm ²	2x 25 mm ² + 28x 16 mm ²	4 pcs
RZB-N-6S144	2x 25 mm ² + 60x 16 mm ²	2x 25 mm ² + 28x 16 mm ²	5 pcs
RZB-N-4S132	2x 25 mm ² + 60x 16 mm ²	2x 25 mm ² + 38x 16 mm ²	4 pcs
RZB-N-5S165	2x 25 mm ² + 80x 16 mm ²	2x 25 mm ² + 38x 16 mm ²	5 pcs
RZB-N-6S198	2x 25 mm ² + 80x 16 mm ²	2x 25 mm ² + 38x 16 mm ²	5 pcs

STEEL-SHEET FLUSH- AND WALL-MOUNTED ENCLOSURES RZB

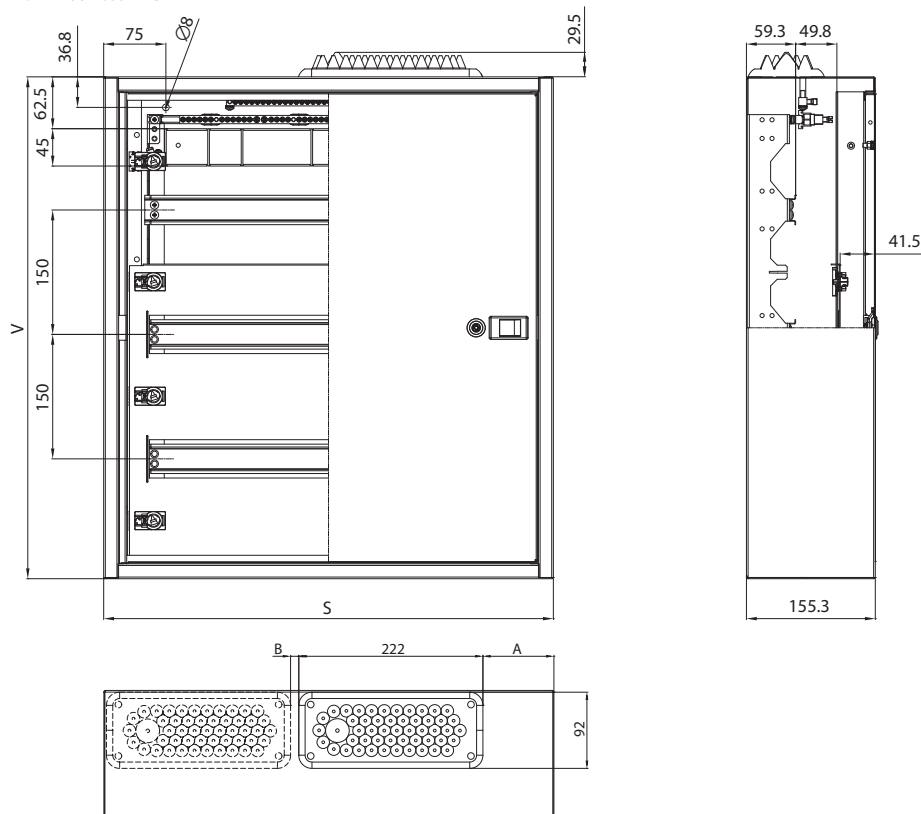
Dimensions

Flush-mounted RZB-Z



Type	S [mm]	V [mm]	S1 [mm]	V1 [mm]	R [mm]	R1 [mm]
RZB-Z-3S72	572	642	545	585	651	467
RZB-Z-4S96	572	792	545	735	651	617
RZB-Z-5S120	572	942	545	885	651	767
RZB-Z-6S144	572	1 092	545	1 035	651	917
RZB-Z-4S132	734	792	707	735	813	617
RZB-Z-5S165	734	942	707	885	813	767
RZB-Z-6S198	734	1 092	707	1 035	813	917

Wall-mounted RZB-N

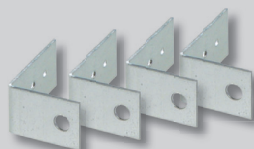


Type	S [mm]	V [mm]	A [mm]	B [mm]
RZB-N-3S72	542	605	85.5	-
RZB-N-4S96	542	755	85.5	-
RZB-N-5S120	542	905	85.5	-
RZB-N-6S144	542	1 055	85.5	-
RZB-N-4S132	704	755	1.0	10
RZB-N-5S165	704	905	1.0	10
RZB-N-6S198	704	1 055	1.0	10

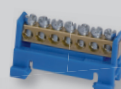
RZB ACCESSORIES



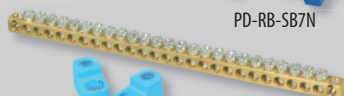
PD-RB-UZU



PD-RB-4MU



PD-RB-SB7N



PD-RB-SB25



PD-RB-SB47



PD-RB-DSB24



PD-RB-DVA4PS



PD-R-ZAS1000-B



PD-RB-1LEM24

Lock

- 2 keys with the same combination.

Type	Order code	Weight [kg]	Package [pcs]
PD-RB-UZU	OEZ:44465	0.07	1

Mounting anchors

- Set of 4 pcs.

Type	Order code	Description	Weight [kg]	Package [pcs]
PD-RB-4MU	OEZ:44467	For wall-mounted RZB-Z	0.14	1

Terminal blocks

- Self-adhesive printing tape N and PE according to the type.
- Insulating holder 2 pcs.
- Fastening material.

Type	Order code	Description	Weight [kg]	Package [pcs]
PD-RB-SB7N	OEZ:44472	N 7x 16 mm ² , insulation holder N	0.05	1
PD-RB-SB25	OEZ:44473	N 2x 25 mm ² + 23x 16 mm ² , for 72 and 96 modules	0.23	1
PD-RB-SB30	OEZ:44474	N 2x 25 mm ² + 28x 16 mm ² , for 120 and 144 modules	0.29	1
PD-RB-SB40	OEZ:44475	N 2x 25 mm ² + 38x 16 mm ² , for 132, 165 and 198 modules	0.38	1
PD-RB-SB47	OEZ:44476	PE 2x 25 mm ² + 45x 16 mm ² , for 72 and 96 modules	0.33	1
PD-RB-SB62	OEZ:44477	PE 2x 25 mm ² + 60x 16 mm ² , for 120, 144 and 132 modules	0.39	1
PD-RB-SB82	OEZ:44478	PE 2x 25 mm ² + 80x 16 mm ² , for 165 and 198 modules	0.52	1

Terminal block holders

Type	Order code	Description	Weight [kg]	Package [pcs]
PD-RB-DSB24	OEZ:44479	for RZB 24 modules in a row and PD-RB-SB25, PD-RB-SB30, up to 3 pcs PD-RB-SB7N	0.26	1
PD-RB-DSB33	OEZ:44480	for RZB 33 modules in a row and PD-RB-SB40, up to 4 pcs PD-RB-SB7N	0.38	1

Pocket

- Material: plastic.
- Self-adhesive tape.
- Size A4.

Type	Order code	Weight [kg]	Package [pcs]
PD-RB-DVA4PS	OEZ:44470	0.01	1

Blind plate

- Width 1 000 mm (55 modules).
- White.

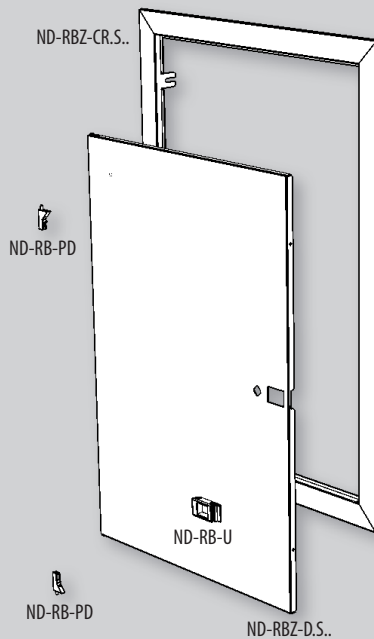
Type	Order code	Weight [kg]	Package [pcs]
PD-R-ZAS1000-B	OEZ:44471	0.05	1

Welts

- Around the hole for cables.
- For one hole buckled in a maximum extent.

Type	Order code	Description	Weight [kg]	Package [pcs]
PD-RB-1LEM24	OEZ:44468	width 24 modules in a row	0.06	1
PD-RB-1LEM33	OEZ:44469	width 33 modules in a row	0.07	1

RZB ACCESSORIES



Spare parts

Type	Order code	Description	Weight [kg]	Package [pcs]
ND-RB-UR2	OEZ:44481	closures for modular covers, set of 10 pcs	0.080	1
ND-RB-URZE	OEZ:44482	earthing washer for module cover closures, set of 10 pcs	0.009	1
ND-RB-ZASU	OEZ:44483	blind plate for door hole instead of lock, for RZB	0.005	1
ND-RBZ-SCRZ-4	OEZ:44484	screw for fastening the door frame in the base, serrated washer, set of 4 pcs, for RZB	0.026	1
ND-RB-PD	OEZ:44485	door hinge for RZB, 1 pc	0.020	1
ND-RB-U	OEZ:44486	closing, white, for RZB	0.020	1
ND-RB-ZEM	OEZ:44487	earthing wire door - base RZB	0.104	1
ND-RBZ-D3S72	OEZ:44488	door for RZB-Z-3S72, earthing, without closing, without hinges	2.630	1
ND-RBZ-D4S96	OEZ:44489	door for RZB-Z-4S96, earthing, without closing, without hinges	3.368	1
ND-RBZ-D5S120	OEZ:44490	door for RZB-Z-5S120, earthing, without closing, without hinges	3.953	1
ND-RBZ-D6S144	OEZ:44491	door for RZB-Z-6S144, earthing, without closing, without hinges	4.539	1
ND-RBZ-D4S132	OEZ:44492	door for RZB-Z-4S132, earthing, without closing, without hinges	4.155	1
ND-RBZ-D5S165	OEZ:44493	door for RZB-Z-5S165, earthing, without closing, without hinges	5.053	1
ND-RBZ-D6S198	OEZ:44494	door for RZB-Z-6S198, earthing, without closing, without hinges	5.840	1
ND-RBN-D3S72	OEZ:44495	door for RZB-N-3S72, earthing, without closing, without hinges	2.533	1
ND-RBN-D4S96	OEZ:44496	door for RZB-N-4S96, earthing, without closing, without hinges	3.476	1
ND-RBN-D5S120	OEZ:44497	door for RZB-N-5S120, earthing, without closing, without hinges	4.083	1
ND-RBN-D6S144	OEZ:44498	door for RZB-N-6S144, earthing, without closing, without hinges	4.689	1
ND-RBN-D4S132	OEZ:44499	door for RZB-N-4S132, earthing, without closing, without hinges	4.295	1
ND-RBN-D5S165	OEZ:44500	door for RZB-N-5S165, earthing, without closing, without hinges	5.191	1
ND-RBN-D6S198	OEZ:44501	door for RZB-N-6S198, earthing, without closing, without hinges	6.000	1
ND-RBZ-CR3S72	OEZ:44502	front frame for RZB-Z-3S72, without hinges, without earthing, without screws for fastening in the base	1.158	1
ND-RBZ-CR4S96	OEZ:44503	front frame for RZB-Z-4S96, without hinges, without earthing, without screws for fastening in the base	1.625	1
ND-RBZ-CR5S120	OEZ:44504	front frame for RZB-Z-5S120, without hinges, without earthing, without screws for fastening in the base	1.760	1
ND-RBZ-CR6S144	OEZ:44505	front frame for RZB-Z-6S144, without hinges, without earthing, without screws for fastening in the base	1.896	1
ND-RBZ-CR4S132	OEZ:44506	front frame for RZB-Z-4S132, without hinges, without earthing, without screws for fastening in the base	1.700	1
ND-RBZ-CR5S165	OEZ:44507	front frame for RZB-Z-5S165, without hinges, without earthing, without screws for fastening in the base	1.906	1
ND-RBZ-CR6S198	OEZ:44508	front frame for RZB-Z-6S198, without hinges, without earthing, without screws for fastening in the base	2.042	1

RZB ACCESSORIES

Spare parts

Type	Order code	Description	Weight [kg]	Package [pcs]
ND-RBZ-KMV24-1	OEZ:44509	front cover with cut-out for RZB-Z, width 24 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.070	1
ND-RBZ-KMV24-2	OEZ:44510	front cover with cut-out for RZB-Z, width 24 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.470	1
ND-RBZ-KMV24-3	OEZ:44511	front cover with cut-out for RZB-Z, width 24 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.470	1
ND-RBZ-KMV24-4	OEZ:44512	front cover with cut-out for RZB-Z, width 24 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.420	1
ND-RBZ-KMV33-1	OEZ:44513	front cover with cut-out for RZB-Z, width 33 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.040	1
ND-RBZ-KMV33-2	OEZ:44514	front cover with cut-out for RZB-Z, width 33 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.420	1
ND-RBZ-KMV33-3	OEZ:44515	front cover with cut-out for RZB-Z, width 33 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.470	1
ND-RBZ-KMV33-4	OEZ:44516	front cover with cut-out for RZB-Z, width 33 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.420	1
ND-RBN-KMV24-1	OEZ:44517	front cover with cut-out for RZB-N, width 24 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.090	1
ND-RBN-KMV24-2	OEZ:44518	front cover with cut-out for RZB-N, width 24 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.500	1
ND-RBN-KMV24-3	OEZ:44519	front cover with cut-out for RZB-N, width 24 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.470	1
ND-RBN-KMV24-4	OEZ:44520	front cover with cut-out for RZB-N, width 24 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.420	1
ND-RBN-KMV33-1	OEZ:44521	front cover with cut-out for RZB-N, width 33 modules in a row, 1 upper row, including quick-closing closures and earthing washers	1.340	1
ND-RBN-KMV33-2	OEZ:44522	front cover with cut-out for RZB-N, width 33 modules in a row, 2 lower rows, including quick-closing closures and earthing washers	1.890	1
ND-RBN-KMV33-3	OEZ:44523	front cover with cut-out for RZB-N, width 33 modules in a row, 2 upper rows, including quick-closing closures and earthing washers	1.870	1
ND-RBN-KMV33-4	OEZ:44524	front cover with cut-out for RZB-N, width 33 modules in a row, 2 middle rows, including quick-closing closures and earthing washers	1.500	1

NOTES

A large grid of small dots covering the majority of the page, intended for taking notes. The dots are arranged in a regular, repeating pattern.

PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

Basic description

- For building, residential and similar installations.
- Suitable for installation of modular devices Minia.
- Colour: white (RAL 9003).
- Door: transparent, non-transparent, opening right/left or upwards.
- Enclosures into hollow walls contain mounting anchors for installation into hollow walls.
- For mounting devices on "U" rails according to EN 60715 of width 35 mm with cut-out in 45 mm cover plate.
- Removable frame with "U" rails for flush mounting door.
- 1 module = 18 mm.

Advantages

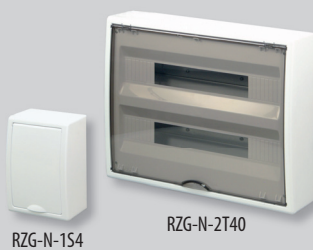
- Large internal area.
- Large number of terminals.
- Spacing of the "U" rails 135 ÷ 160 mm according to the type of the enclosure.
- Rigid frame.
- Wide range.

Wall-mounted RZG-N, opening door right/left

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	8	1 x 8	RZG-N-1S8	OEZ:40578	0.95	1
	14	1 x 14	RZG-N-1S14	OEZ:40579	1.38	1
	28	2 x 14	RZG-N-2S28	OEZ:40581	2.21	1
	42	3 x 14	RZG-N-3S42	OEZ:40583	2.75	1
	56	4 x 14	RZG-N-4S56	OEZ:40584	3.42	1
Transparent	8	1 x 8	RZG-N-1T8	OEZ:40586	0.96	1
	14	1 x 14	RZG-N-1T14	OEZ:40587	1.41	1
	28	2 x 14	RZG-N-2T28	OEZ:40589	2.23	1
	42	3 x 14	RZG-N-3T42	OEZ:40591	2.83	1
	56	4 x 14	RZG-N-4T56	OEZ:40592	3.53	1

Wall-mounted RZG-N, opening door upwards

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	4	1 x 4	RZG-N-1S4	OEZ:40577	0.66	1
	18	1 x 18	RZG-N-1S18	OEZ:40580	1.42	1
	40	2 x 20	RZG-N-2S40	OEZ:40582	2.06	1
Transparent	4	1 x 4	RZG-N-1T4	OEZ:40585	0.66	1
	18	1 x 18	RZG-N-1T18	OEZ:40588	1.47	1
	40	2 x 20	RZG-N-2T40	OEZ:40590	2.07	1



PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG



Flush-mounted RZG-Z, opening door right/left

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	8	1 x 8	RZG-Z-1S8	OEZ:40554	0.71	1
	14	1 x 14	RZG-Z-1S14	OEZ:40555	1.33	1
	28	2 x 14	RZG-Z-2S28	OEZ:40557	1.96	1
	42	3 x 14	RZG-Z-3S42	OEZ:40559	2.53	1
	56	4 x 14	RZG-Z-4S56	OEZ:40560	3.01	1
Transparent	8	1 x 8	RZG-Z-1T8	OEZ:40562	0.84	1
	14	1 x 14	RZG-Z-1T14	OEZ:40563	1.22	1
	28	2 x 14	RZG-Z-2T28	OEZ:40565	2.03	1
	42	3 x 14	RZG-Z-3T42	OEZ:40567	2.61	1
	56	4 x 14	RZG-Z-4T56	OEZ:40568	3.24	1

Flush-mounted RZG-Z, opening door upwards

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	4	1 x 4	RZG-Z-1S4	OEZ:40553	0.49	1
	18	1 x 18	RZG-Z-1S18	OEZ:40556	1.17	1
	40	2 x 20	RZG-Z-2S40	OEZ:40558	1.68	1
Transparent	4	1 x 4	RZG-Z-1T4	OEZ:40561	0.49	1
	18	1 x 18	RZG-Z-1T18	OEZ:40564	1.18	1
	40	2 x 20	RZG-Z-2T40	OEZ:40566	1.68	1

Into hollow walls RZG-Z-...-H, opening door right/left

Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Non-transparent	14	1 x 14	RZG-Z-1S14-H	OEZ:40569	1.40	1
	28	2 x 14	RZG-Z-2S28-H	OEZ:40570	1.90	1
	42	3 x 14	RZG-Z-3S42-H	OEZ:40571	2.66	1
	56	4 x 14	RZG-Z-4S56-H	OEZ:40572	3.03	1
Transparent	14	1 x 14	RZG-Z-1T14-H	OEZ:40573	1.24	1
	28	2 x 14	RZG-Z-2T28-H	OEZ:40574	1.93	1
	42	3 x 14	RZG-Z-3T42-H	OEZ:40575	3.16	1
	56	4 x 14	RZG-Z-4T56-H	OEZ:40576	3.18	1

Accessories

Terminal blocks	PD-RG-SB..	page B28
Terminal block holders	PD-RG-DSB..	page B28
Mounting anchors	PD-RGZ..	page B28
Blind plate	PD-RA-ZAS-B	page B28
Spare parts	ND-RG-.., ND-RGV-..	page B29

PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

Standard content of package

Wall-mounted RZG-N

Base
- self-extinguishing thermoplastic

"U" rails
- each "U" rail is separately attached to the base

Labels

Single-module blind plates
- number according to the size of the enclosure (2 pcs per a row)

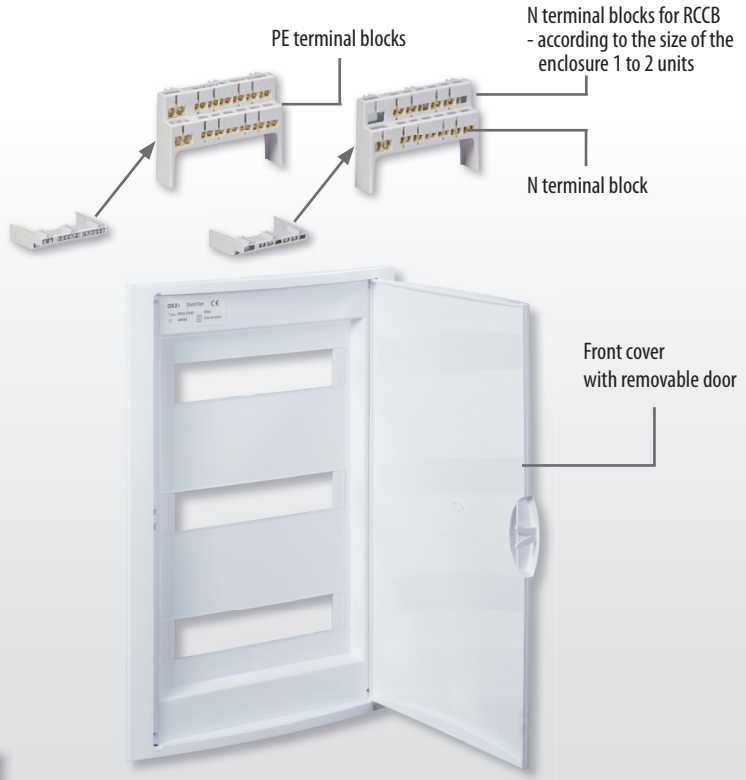
Screws for attachment of the cover to the base

PE terminal blocks

N terminal blocks for RCCB
- according to the size of the enclosure 1 to 2 units

N terminal block

Front cover with removable door



Flush-mounted RZG-Z

Base
- self-extinguishing thermoplastic

Removable frame with "U" rails

Labels

Spacer

Single-module blind plates
- number according to the size of the enclosure (2 pcs per a row)

Screws for attachment into hollow walls

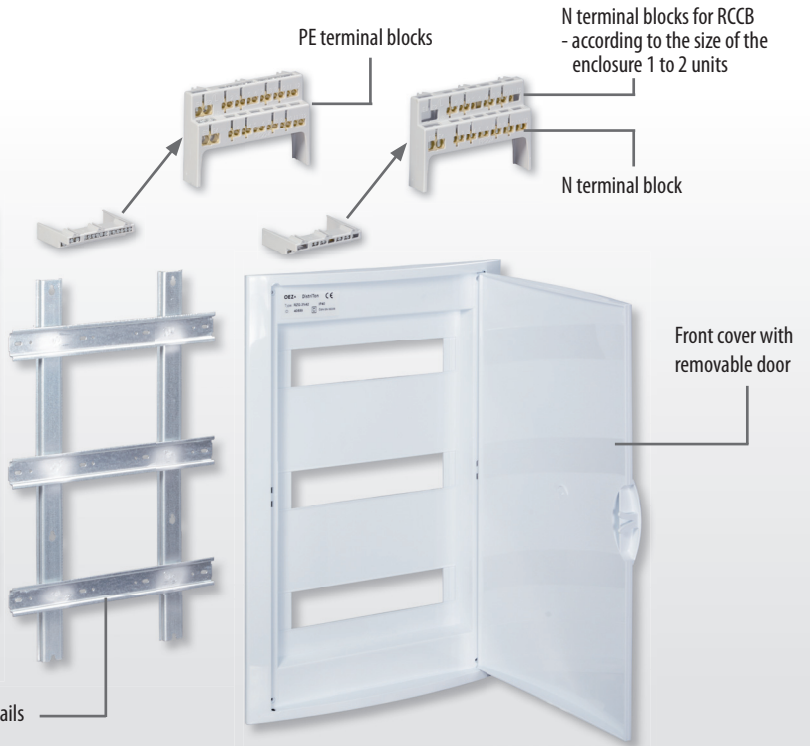
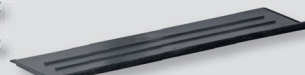
Mounting anchors for installation into hollow walls (only for type RZG-Z-...-H)

PE terminal blocks

N terminal blocks for RCCB
- according to the size of the enclosure 1 to 2 units




N terminal block

Front cover with removable door

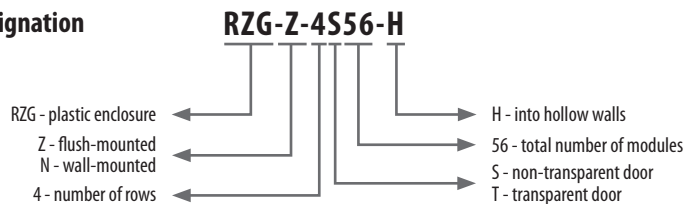


PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

Specifications

Type	RZG-N	RZG-Z	RZG-Z-....-H
Standards	IEC 62208 EN 62208	IEC 62208 EN 62208	IEC 62208 EN 62208
Approval marks			
Installation	wall-mounted	flush-mounted	into hollow walls
Glow wire test	max. 650 °C	max. 650 °C	max. 850 °C
Degree of protection	IP40	IP40	IP40
Rated values of the used devices	max. 63 A, AC 230/400 V	max. 63 A, AC 230/400 V	max. 63 A, AC 230/400 V
Rated insulation voltage	AC 500 V	AC 500 V	AC 500 V
Degree of protection against external mechanical impacts	IK08	IK08	IK08
Protection class	II	II	II
For installation on materials of fire reaction class	A1, A2 according to EN 13501-1	A1, A2 according to EN 13501-1	A1, A2 according to EN 13501-1
Device rail	"U" rail according to EN 60715 of width 35 mm	"U" rail according to EN 60715 of width 35 mm	"U" rail according to EN 60715 of width 35 mm
Material			
Material of front cover	self-extinguishing thermoplastic	self-extinguishing thermoplastic	self-extinguishing thermoplastic
Material of base	self-extinguishing thermoplastic	self-extinguishing thermoplastic	self-extinguishing thermoplastic
Material of door	self-extinguishing thermoplastic	self-extinguishing thermoplastic	self-extinguishing thermoplastic
Door			
Opening	right/left/upwards	right/left/upwards	right/left/upwards
Design	transparent/non-transparent	non-transparent	non-transparent
Colour	white (RAL9003)	white (RAL9003)	white (RAL9003)

Type designation



Power loss and static load

Type	Power loss * [W]	Static load [kg]	
		per a row	total
RZG-N-1S8	18.8	2.28	2.28
RZG-N-1S14	28.9	2.28	2.28
RZG-N-2S28	50.3	2.29	4.57
RZG-N-3S42	68.7	2.29	6.86
RZG-N-4S56	76.8	2.29	9.14
RZG-N-1T8	18.8	2.28	2.28
RZG-N-1T14	28.9	2.28	2.28
RZG-N-2T28	50.3	2.29	4.57
RZG-N-3T42	68.7	2.29	6.86
RZG-N-4T56	76.8	2.29	9.14
RZG-N-1S4	9.7	2.29	2.29
RZG-N-1S18	37.5	2.28	2.28
RZG-N-2S40	47.1	2.26	4.51
RZG-N-1T4	9.7	2.29	2.29
RZG-N-1T18	37.5	2.28	2.28
RZG-N-2T40	47.1	2.26	4.51
RZG-Z-1S8	15.3	2.28	2.28
RZG-Z-1S14	23.9	2.28	2.28
RZG-Z-2S28	43.0	2.23	4.46
RZG-Z-3S42	60.8	2.22	6.66
RZG-Z-4S56	68.0	2.21	8.87
RZG-Z-1T8	15.3	2.28	2.28
RZG-Z-1T14	23.9	2.28	2.28
RZG-Z-2T28	43.0	2.23	4.46
RZG-Z-3T42	60.8	2.22	6.66
RZG-Z-4T56	68.0	2.21	8.87

* Power loss dissipated by the surface of the enclosure for $\Delta T = 30$ K (difference between internal and external temperature) according to IEC 890 + A1.

PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

Power loss and static load

Type	Power loss * [W]	Static load [kg]	
		per a row	total
RZG-Z-1S4	7.8	2.29	2.29
RZG-Z-1S18	31.5	2.28	2.28
RZG-Z-2S40	41.0	2.14	4.29
RZG-Z-1T4	7.8	2.29	2.29
RZG-Z-1T18	31.5	2.28	2.28
RZG-Z-2T40	41.0	2.14	4.29
RZG-Z-1S14-H	23.9	2.28	2.28
RZG-Z-2S28-H	43.0	2.23	4.46
RZG-Z-3S42-H	60.8	2.22	6.66
RZG-Z-4S56-H	68.0	2.21	8.87
RZG-Z-1T14-H	23.9	2.28	2.28
RZG-Z-2T28-H	43.0	2.23	4.46
RZG-Z-3T42-H	60.8	2.22	6.66
RZG-Z-4T56-H	68.0	2.21	8.87

* Power loss dissipated by the surface of the enclosure for $\Delta T = 30$ K (difference between internal and external temperature) according to IEC 890 + A1.

Terminal blocks

Type	Terminal blocks		N terminal blocks 5x 6 mm ² for RCCBs
	PE	N	
RZG-N-1S8	2x 16 mm ² + 12x 6 mm ²	5x 6 mm ²	-
RZG-N-1S14	2x 16 mm ² + 12x 6 mm ²	5x 6 mm ²	1 pc
RZG-N-2S28	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-3S42	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-4S56	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-1T8	2x 16 mm ² + 12x 6 mm ²	5x 6 mm ²	-
RZG-N-1T14	2x 16 mm ² + 12x 6 mm ²	5x 6 mm ²	1 pc
RZG-N-2T28	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-3T42	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-4T56	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-1S4	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	-
RZG-N-1S18	2x 16 mm ² + 12x 6 mm ²	2x 16 mm ² + 12x 6 mm ²	1 pc
RZG-N-2S40	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-N-1T4	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	-
RZG-N-1T18	2x 16 mm ² + 12x 6 mm ²	2x 16 mm ² + 12x 6 mm ²	1 pc
RZG-N-2T40	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-1S8	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	-
RZG-Z-1S14	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	1 pc
RZG-Z-2S28	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-3S42	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-4S56	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-1T8	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	-
RZG-Z-1T14	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	1 pc
RZG-Z-2T28	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-3T42	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-4T56	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs

PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

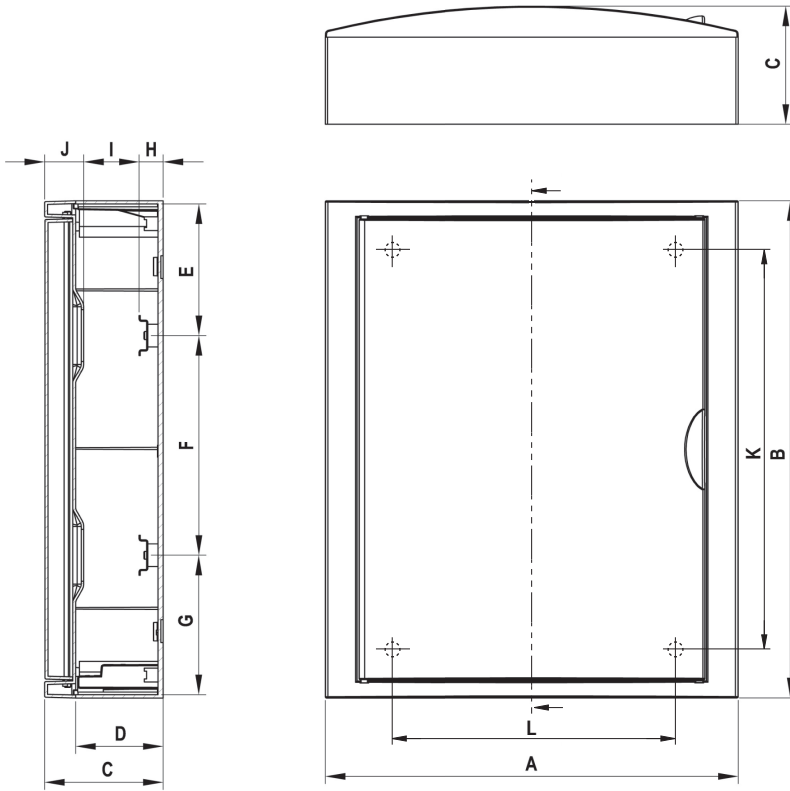
Terminal blocks

Type	Terminal block		N terminal blocks 5x 6 mm ² for RCCBs
	PE	N	
RZG-Z-1S4	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	-
RZG-Z-1S18	2x 16 mm ² + 12x 6 mm ²	2x 16 mm ² + 12x 6 mm ²	1 pc
RZG-Z-2S40	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-1T4	2x 16 mm ² + 6x 6 mm ²	5x 6 mm ²	-
RZG-Z-1T18	2x 16 mm ² + 6x 6 mm ²	2x 16 mm ² + 6x 6 mm ²	1 pc
RZG-Z-2T40	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-1S14-H	2x 16 mm ² + 12x 6 mm ²	5x 6 mm ²	1 pc
RZG-Z-2S28-H	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-3S42-H	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-4S56-H	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-1T14-H	2x 16 mm ² + 12x 6 mm ²	5x 6 mm ²	1 pc
RZG-Z-2T28-H	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-3T42-H	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs
RZG-Z-4T56-H	2 pcs (2x 16 mm ² + 12x 6 mm ²)	2x 16 mm ² + 12x 6 mm ²	2 pcs

PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

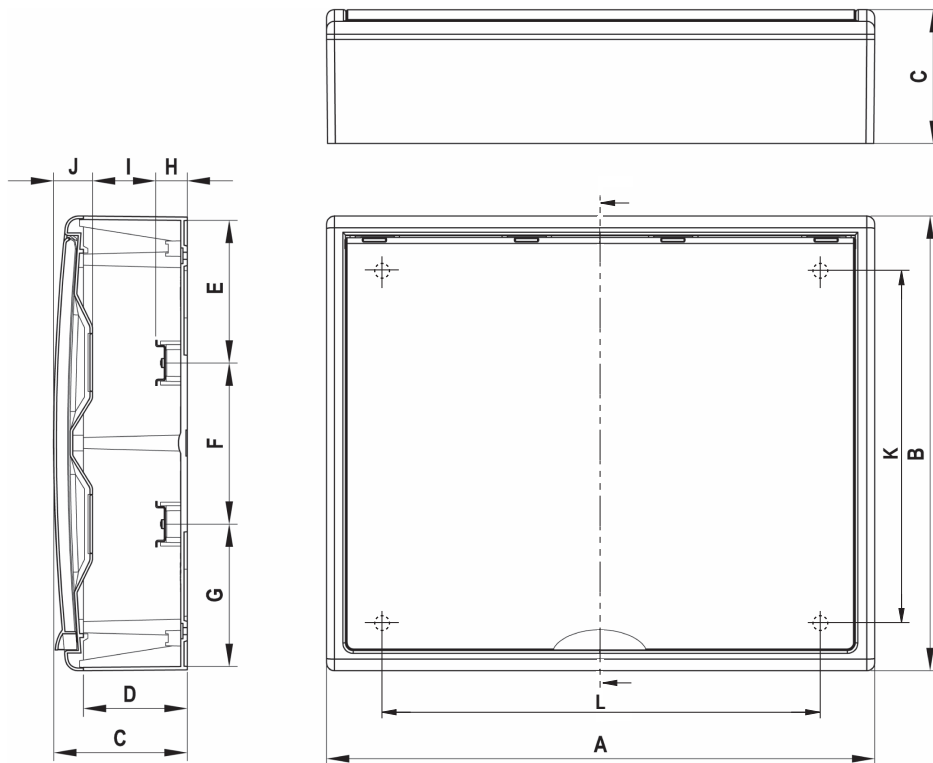
Dimensions

Wall-mounted RZG-N opening door right/left



Dimension [mm]	Type				
	RZG-N-1.8	RZG-N-1.14	RZG-N-2.28	RZG-N-3.42	RZG-N-4.56
A	245	362	362	362	363
B	250	250	436	543	687
C	104	104	104	117	104
D	77	77	76.5	88	76.5
E	121	121	115	118	115
F	-	-	193.5	150	150
G	121	121	121	118	115
H	21.5	21	21	19	21
I	48	48	48	48	48
J	34.5	35	35	50	35
K	150	195	321	434	635
L	177	228.5	336.5	304	205
Number of "U" rails	1	1	2	3	4

Wall-mounted RZG-N opening door upwards

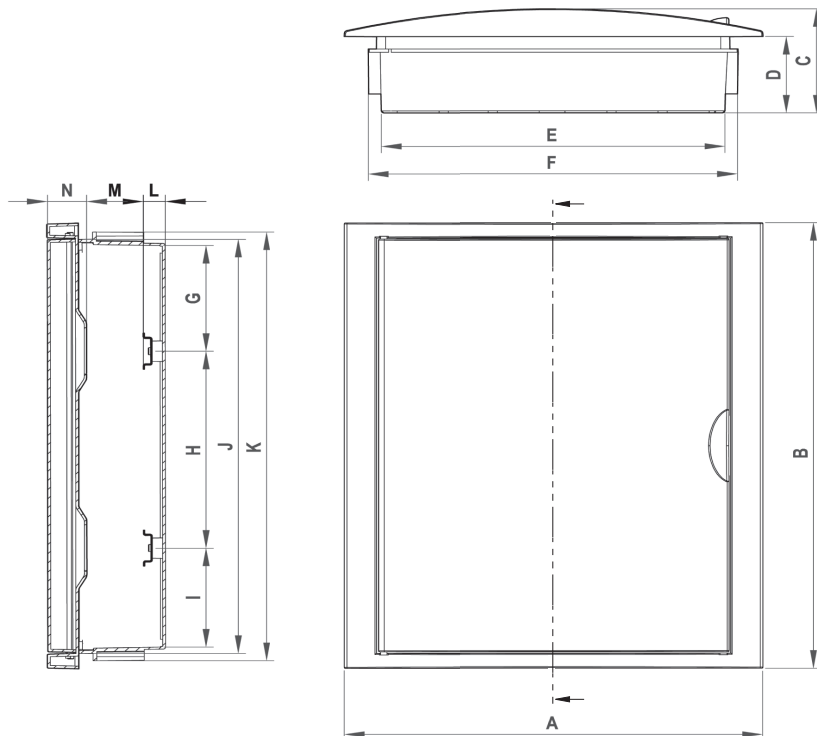


Dimension [mm]	Type		
	RZG-N-1.4	RZG-N-1.18	RZG-N-2.40
A	148	407	424
B	222	246	352
C	95	104	103
D	72	80	80
E	109	119	110
F	-	-	125
G	109	119	110
H	16.5	24	25
I	44.5	48	48
J	34	32	30
K	197	216	290
L	65.5	337	327
Number of "U" rails	1	1	2

PLASTIC FLUSH- AND WALL-MOUNTED ENCLOSURES RZG

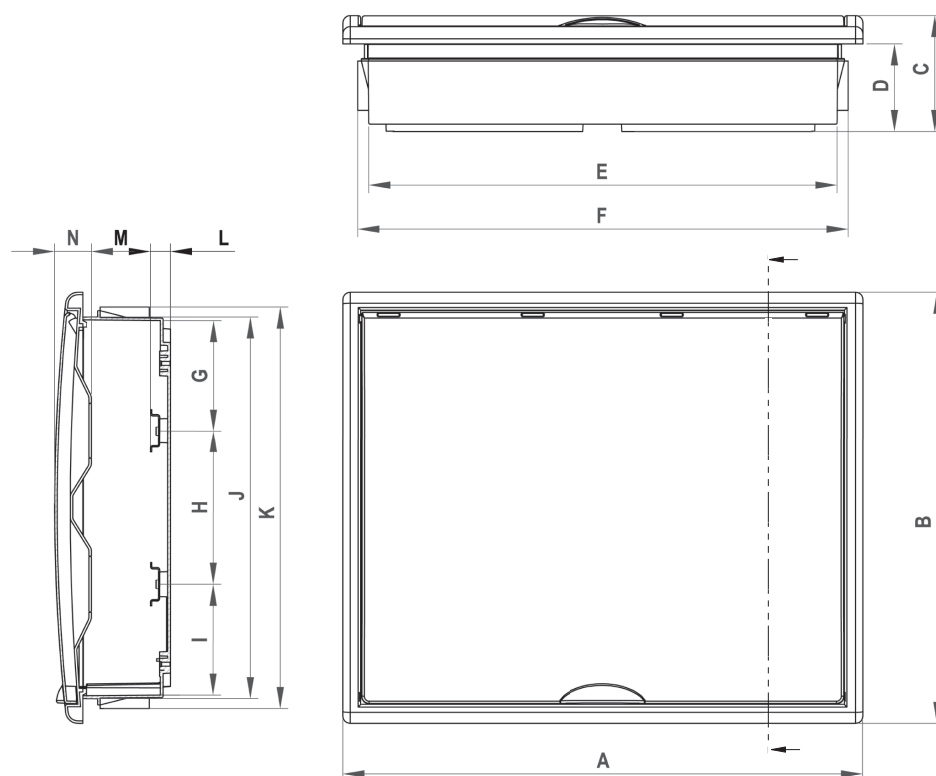
Dimensions

Flush-mounted RZG-Z opening door right/left



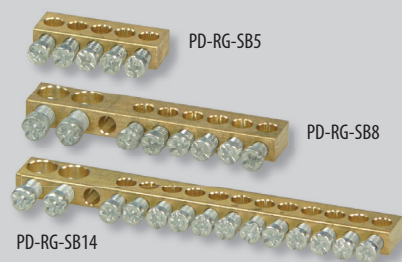
Dimension [mm]	Type				
	RZG-Z-1.8	RZG-Z-1.14	RZG-Z-2.28	RZG-Z-3.42	RZG-Z-4.56
A	245	362	362	362	362
B	250	250	436	543	687
C	100	102	102	113	102
D	72	75	75	86	75
E	188	300	300	337	300
F	205	320	320	360	320
G	103	103	104	100	99
H	-	-	193.5	150	150
I	103	103	97	100	99
J	219	219	406	512	662
K	233	233	420	526	670
L	16.5	19	19	17	19
M	48	48	48	48	48
N	35	35	35	48	35
Number of "U" rails	1	1	2	3	4

Flush-mounted RZG-Z opening door upwards



Dimension [mm]	Type		
	RZG-Z-1.4	RZG-Z-1.18	RZG-Z-2.40
A	148	407	424
B	222	246	352
C	101	95	95
D	71	71	71
E	109	366	381
F	125	386	401
G	89	97	86
H	-	-	125
I	89	97	86
J	185	205	311
K	195	215	321
L	16	16	16
M	48	48	48
N	31	31	31
Number of "U" rails	1	1	2

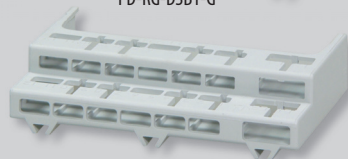
RZG ACCESSORIES



PD-RG-SB14



PD-RG-DSB1-G



PD-RG-DSB2-G



PD-RGZ81428-DH



PD-RA-ZAS-B

Terminal blocks

Type	Order code	For cross sections of conductors	Weight [kg]	Package [pcs]
PD-RG-SB5	OEZ:40593	5x 6 mm ²	0.01	1
PD-RG-SB8	OEZ:40594	2x 16 mm ² + 6x 6 mm ²	0.03	1
PD-RG-SB14	OEZ:40595	2x 16 mm ² + 12x 6 mm ²	0.04	1

Terminal block holders

- For all terminal blocks PS-RG-SB..

Type	Order code	Type (Design)	Weight [kg]	Package [pcs]
PD-RG-DSB1-G	OEZ:40599	single-row	0.01	1
PD-RG-DSB2-G	OEZ:40600	two-row	0.02	1

Mounting anchors

- Anchors into hollow walls for RZG-Z.
- The package contains number of mounting anchors according to the size of the enclosure.
- Part of supply of RZG-Z-...-H.

Type	Order code	Enclosure number of modules	Number anchors in package	Weight [kg]	Package [pcs]
PD-RGZ81428-DH	OEZ:40596	8, 14, 28	4	0.05	1
PD-RGZ42-DH	OEZ:40597	42	4	0.04	1
PD-RGZ56-DH	OEZ:40598	56	6	0.07	1

Blind plate

- For covering unused cut-outs.
- White RAL9003.
- Width of 6 modules, possible division by 1/2 module.

Type	Order code	Weight [kg]	Package [pcs]
PD-RA-ZAS-B	OEZ:40601	0.120	1

RZG ACCESSORIES

Spare parts

Type	Order code	Description	Weight [kg]	Package [pcs]
ND-RG-CK1ST4	OEZ:41066	front cover, for RZG--1.4	0.135	1
ND-RG-CK1ST8	OEZ:41061	front cover, for RZG--1.8	0.205	1
ND-RG-CK1ST14	OEZ:41062	front cover, for RZG--1.14	0.290	1
ND-RG-CK1ST18	OEZ:41067	front cover, for RZG--1.18	0.265	1
ND-RG-CK2ST28	OEZ:41063	front cover, for RZG--2.28	0.425	1
ND-RG-CK2ST40	OEZ:41068	front cover, for RZG--2.40	0.415	1
ND-RG-CK3ST42	OEZ:41064	front cover, for RZG--3.42	0.605	1
ND-RG-CK4ST56	OEZ:41065	front cover, for RZG--4.56	0.655	1
ND-RG-D1S8	OEZ:41069	non-transparent door, for RZG--1S8	0.135	1
ND-RG-D1S4	OEZ:41074	non-transparent door, for RZG--1S4	0.065	1
ND-RG-D1S14	OEZ:41070	non-transparent door, for RZG--1S14	0.220	1
ND-RG-D1S18	OEZ:41075	non-transparent door, for RZG--1S18	0.215	1
ND-RG-D2S28	OEZ:41071	non-transparent door, for RZG--2S28	0.380	1
ND-RG-D2S40	OEZ:41076	non-transparent door, for RZG--2S40	0.345	1
ND-RG-D3S42	OEZ:41072	non-transparent door, for RZG--3S42	0.500	1
ND-RG-D4S56	OEZ:41073	non-transparent door, for RZG--4S56	0.595	1
ND-RG-D1T4	OEZ:41082	transparent door, for RZG--1T4	0.070	1
ND-RG-D1T8	OEZ:41077	transparent door, for RZG--1T8	0.155	1
ND-RG-D1T14	OEZ:41078	transparent door, for RZG--1T14	0.255	1
ND-RG-D1T18	OEZ:41083	transparent door, for RZG--1T18	0.245	1
ND-RG-D2T28	OEZ:41079	transparent door, for RZG--2T28	0.450	1
ND-RG-D2T40	OEZ:41084	transparent door, for RZG--2T40	0.405	1
ND-RG-D3T42	OEZ:41080	transparent door, for RZG--3T42	0.545	1
ND-RG-D4T56	OEZ:41081	transparent door, for RZG--4T56	0.685	1
ND-RGZ-PR2ST28	OEZ:41107	mounting frame with "U" rails, for RZG-Z-2.28	0.433	1
ND-RGZ-PR2ST40	OEZ:41112	mounting frame with "U" rails, for RZG-Z-2.40	0.411	1
ND-RGZ-PR3ST42	OEZ:41108	mounting frame with "U" rails, for RZG-Z-3.42	0.593	1
ND-RGZ-PR4ST56	OEZ:41109	mounting frame with "U" rails, for RZG-Z-4.56	0.786	1
ND-RGZ-PR1ST4	OEZ:41110	"U" rail TH35-7.5, for RZG-Z-1.4	0.034	1
ND-RGZ-PR1ST8	OEZ:41105	"U" rail TH35-7.5, for RZG-Z-1.8	0.047	1
ND-RGZ-PR1ST14	OEZ:41106	"U" rail TH35-7.5, for RZG-Z-1.14	0.097	1
ND-RGZ-PR1ST18	OEZ:41111	"U" rail TH35-7.5, for RZG-Z-1.18	0.110	1
ND-RGN-PR1ST4	OEZ:41118	"U" rail TH35-7.5, for RZG-N-1.4	0.034	1
ND-RGN-PR1ST8	OEZ:41113	"U" rail TH35-7.5, for RZG-N-1.8	0.047	1
ND-RGN-PR1ST14	OEZ:41114	"U" rail TH35-7.5, for RZG-N-1.14	0.097	1
ND-RGN-PR1ST18	OEZ:41119	"U" rail TH35-7.5, for RZG-N-1.18	0.110	1
ND-RGN-PR2ST28	OEZ:41115	"U" rail TH35-7.5, for RZG-N-2.28	0.195	1
ND-RGN-PR2ST40	OEZ:41120	"U" rail TH35-7.5, for RZG-N-2.40	0.391	1
ND-RGN-PR3ST42	OEZ:41116	"U" rail TH35-7.5, for RZG-N-3.42	0.293	1
ND-RGN-PR4ST56	OEZ:41117	"U" rail TH35-7.5, for RZG-N-4.56	0.391	1
ND-RG-SCR1ST4814	OEZ:41123	screws, set of 4 pcs, for RZG--1.4/ -1.8/ -1.14	0.010	1
ND-RG-SCR1ST18	OEZ:41124	screws, set of 2 pcs, for RZG--1.18	0.003	1
ND-RG-SCR23ST284042	OEZ:41122	screws, set of 4 pcs, for RZG--2.28/ -2.40/ -3.42	0.005	1
ND-RG-SCR4ST56	OEZ:41121	screws, set of 6 pcs, for RZG--4.56	0.008	1
ND-RG-CB24ST2856	OEZ:41125	crossbar for immuration, for RZG-Z-2.28/ -4.56	0.095	1
ND-RG-CB3ST42	OEZ:41126	crossbar for immuration, for RZG-Z-3.42	0.067	1

PLASTIC WALL-MOUNTED ENCLOSURES RZI (IP65)



Basic description

- For building, industrial and similar installations.
- Suitable for installation of modular devices Minia.
- Colour: grey.
- Door: transparent, opening right/left.
- For mounting devices on "U" rails according to EN 60715 of width 35 mm with cut-out in 45 mm cover plate.
- Removable frame with "U" rails.
- 1 module = 18 mm.

Advantages

- Unusual large space below "U" rails.
- Large number of terminals.
- Spacing of the "U" rails 150 mm.
- Robust, rigid design.
- Expanded polyurethane sealing.

Wall-mounted RZI

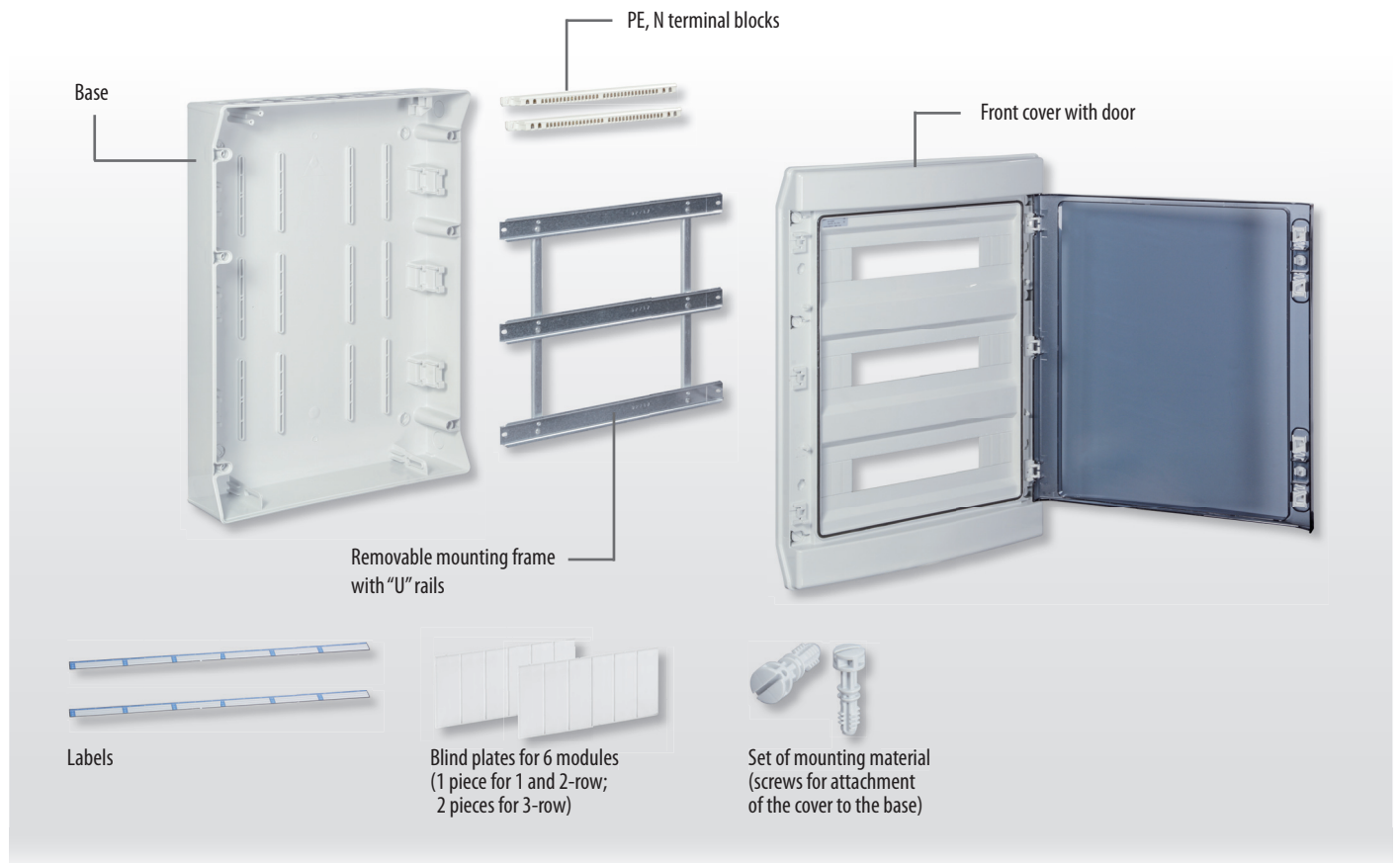
Door	Total number of modules	Number of rows x modules in a row	Type	Order code	Weight [kg]	Package [pcs]
Transparent	4	1 x 4	RZI-N-1T4	OEZ:44382	0.75	1
	6	1 x 6	RZI-N-1T6	OEZ:44383	0.84	1
	8	1 x 8	RZI-N-1T8	OEZ:44384	0.95	1
	12	1 x 12	RZI-N-1T12	OEZ:44385	1.40	1
	18	1 x 18	RZI-N-1T18	OEZ:44386	1.98	1
	24	2 x 12	RZI-N-2T24	OEZ:44387	2.26	1
	36	2 x 18	RZI-N-2T36	OEZ:44388	3.03	1
	36	3 x 12	RZI-N-3T36	OEZ:44389	3.21	1
	54	3 x 18	RZI-N-3T54	OEZ:44390	3.97	1

Accessories

Lock	PD-RI-UZU	page B34
Blind plate	PD-RI-ZAS-S	page B34
Spare parts	ND-RI-..	page B35


PLASTIC WALL-MOUNTED ENCLOSURES RZI (IP65)

Standard content of package

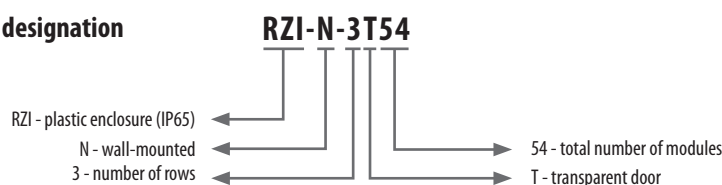


PLASTIC WALL-MOUNTED ENCLOSURES RZI (IP65)

Specifications

Type	RZI
Standards	IEC 62208 EN 62208
Approval marks	
Installation	wall-mounted
Glow wire test	max. 650 °C
Degree of protection	IP65
Rated values of the used devices	max. 63 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V
Degree of protection against external mechanical impacts	IK08
Protection class	II
For installation on materials of fire reaction class	A1, A2 according to EN 13501-1
Device rail	"U" rail according to EN 60715 of width 35 mm
Material	
Material of front cover	self-extinguishing thermoplastic (ABS)
Material of base	self-extinguishing thermoplastic (ABS)
Material of door	self-extinguishing thermoplastic (PC)
Door	
Opening	right/left
Design	transparent
Colour	grey

Type designation



Power loss and static load

Type	Power loss * [W]	Static load [kg]	
		per a row	total
RZI-N-1T4	11.1	1.1	1.1
RZI-N-1T6	12.5	1.7	1.7
RZI-N-1T8	14.2	2.4	2.4
RZI-N-1T12	19.7	3.6	3.6
RZI-N-1T18	26.7	5.4	5.4
RZI-N-2T24	29.6	3.5	7.0
RZI-N-2T36	36.0	5.4	10.8
RZI-N-3T36	37.3	3.6	10.8
RZI-N-3T54	45.2	5.3	15.8

* Power loss dissipated by the surface of the enclosure for $\Delta T = 20$ K (difference between internal and external temperature) according to IEC 890 + A11.

Terminal blocks

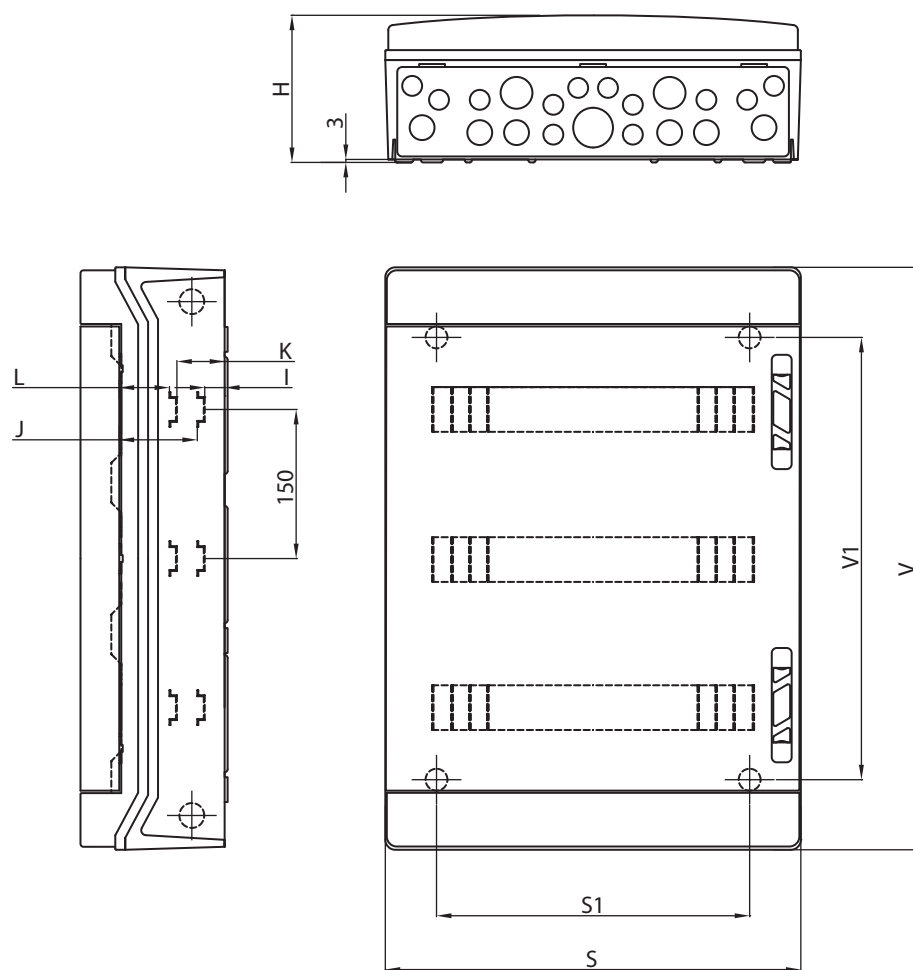
Type	Terminal blocks		N terminal blocks for RCCBs
	PE	N	
RZI-N-1T4	1x 35 mm ² + 1x 10 mm ² + 3x 6 mm ²	1x 35 mm ² + 1x 10 mm ² + 3x 6 mm ²	-
RZI-N-1T6	1x 35 mm ² + 1x 10 mm ² + 3x 6 mm ²	1x 35 mm ² + 1x 10 mm ² + 3x 6 mm ²	-
RZI-N-1T8	1x 35 mm ² + 3x 10 mm ² + 5x 6 mm ²	1x 35 mm ² + 3x 10 mm ² + 5x 6 mm ²	-
RZI-N-1T12	1x 35 mm ² + 1x 25 mm ² + 6x 10 mm ² + 6x 6 mm ²	1x 35 mm ² + 1x 25 mm ² + 6x 10 mm ² + 6x 6 mm ²	-
RZI-N-1T18	1x 35 mm ² + 1x 25 mm ² + 8x 10 mm ² + 8x 6 mm ²	1x 35 mm ² + 1x 25 mm ² + 8x 10 mm ² + 8x 6 mm ²	-
RZI-N-2T24	1x 35 mm ² + 1x 25 mm ² + 8x 10 mm ² + 8x 6 mm ²	1x 35 mm ² + 1x 25 mm ² + 8x 10 mm ² + 8x 6 mm ²	-
RZI-N-2T36	1x 35 mm ² + 1x 25 mm ² + 12x 10 mm ² + 12x 6 mm ²	1x 35 mm ² + 1x 25 mm ² + 12x 10 mm ² + 12x 6 mm ²	-
RZI-N-3T36	1x 35 mm ² + 1x 25 mm ² + 12x 10 mm ² + 12x 6 mm ²	1x 35 mm ² + 1x 25 mm ² + 12x 10 mm ² + 12x 6 mm ²	-
RZI-N-3T54	1x 35 mm ² + 1x 25 mm ² + 16x 10 mm ² + 16x 6 mm ²	1x 35 mm ² + 1x 25 mm ² + 16x 10 mm ² + 16x 6 mm ²	-

PLASTIC WALL-MOUNTED ENCLOSURES RZI (IP65)

Number of pre-formed cut-outs for bushings

Type of enclosure	Upper/lower pre-formed cut-outs from outside				Left side / Right side pre-formed cut-outs from inside		Rear side pre-formed cut-outs from outside	
	M20 [pcs]	M25 [pcs]	M32 [pcs]	M40 [pcs]	M25 [pcs]	M25 + M32 [pcs]	M25 [pcs]	M32 [pcs]
RZI-N-1T4	-	2	-	1	-	4 + 0	-	-
RZI-N-1T6	-	2	-	1	-	4 + 0	-	-
RZI-N-1T8	-	4	-	1	-	4 + 0	-	-
RZI-N-1T12	6	2	2	1	2	4 + 2	-	-
RZI-N-1T18	12	6	2	1	2	4 + 2	-	-
RZI-N-2T24	8/6	2	2	1	2	4 + 2	-	-
RZI-N-2T36	12	6	2	1	2	4 + 2	-	-
RZI-N-3T36	8/6	2	2	1	2	4 + 2	-	-
RZI-N-3T54	12	6	2	1	2	4 + 2	-	-

Dimensions



Type	Width	Height	Depth	Drilling diagram					
	S [mm]	V [mm]	H [mm]	S1 [mm]	V1 [mm]	I [mm]	K [mm]	J [mm]	L [mm]
RZI-N-1T4	166	231	113	76	121	16	-	50.5	-
RZI-N-1T6	202	231	113	97	121	16	-	50.5	-
RZI-N-1T8	238	231	118	133	121	16	-	50.5	-
RZI-N-1T12	310	246	148	207	121	18	46	78.0	50.5
RZI-N-1T18	418	286	148	315	145	18	46	78.0	50.5
RZI-N-2T24	310	436	148	207	295	18	46	78.0	50.5
RZI-N-2T36	418	436	148	315	295	18	46	78.0	50.5
RZI-N-3T36	310	586	148	207	445	18	46	78.0	50.5
RZI-N-3T54	418	586	148	315	445	18	46	78.0	50.5

RZI ACCESSORIES



PD-RI-UZU



PD-RI-ZAS-S

Lock

- Locking insert.
- 2 keys with the same combination.

Type	Order code	Weight [kg]	Package [pcs]
PD-RI-UZU	OEZ:44391	0.04	1

Blind plate

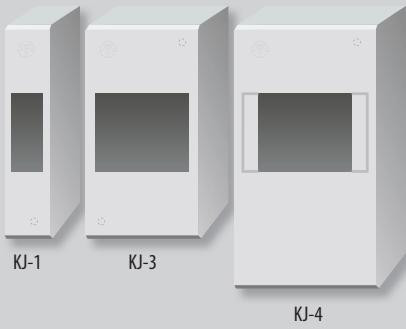
- Width of 6 modules.
- Grey.

Type	Order code	Weight [kg]	Package [pcs]
PD-RI-ZAS-S	OEZ:44392	0.01	1

Spare parts

Type	Order code	Description	Weight [kg]	Package [pcs]
ND-RI-PD	OEZ:44399	door hinge for RZI, 1 pc	0.006	1
ND-RI-U	OEZ:44400	closing for RZI, 1 set (3 parts)	0.014	1
ND-RI-SCRZ-1	OEZ:44401	screw for RZI, mounting front cover-base, 1 pc	0.006	1
ND-RI-K	OEZ:44402	wall mounting screw cover for RZI, set of 4 pcs	0.006	1
ND-RI-D1T4	OEZ:44404	transparent door for RZI-N-1T4, including closing, without hinges	0.096	1
ND-RI-D1T6	OEZ:44405	transparent door for RZI-N-1T6, including closing, without hinges	0.120	1
ND-RI-D1T8	OEZ:44406	transparent door for RZI-N-1T8, including closing, without hinges	0.136	1
ND-RI-D1T12	OEZ:44407	transparent door for RZI-N-1T12, including closing, without hinges	0.205	1
ND-RI-D1T18	OEZ:44408	transparent door for RZI-N-1T18, including closing, without hinges	0.273	1
ND-RI-D2T24	OEZ:44409	transparent door for RZI-N-2T24, including closing, without hinges	0.383	1
ND-RI-D2T36	OEZ:44410	transparent door for RZI-N-2T36, including closing, without hinges	0.535	1
ND-RI-D3T36	OEZ:44411	transparent door for RZI-N-3T36, including closing, without hinges	0.561	1
ND-RI-D3T54	OEZ:44412	transparent door for RZI-N-3T54, including closing, without hinges	0.752	1
ND-RI-SB5	OEZ:44393	terminal block, for RZI-N-1T4I, RZI-N-1T6	0.076	1
ND-RI-SB9	OEZ:44394	terminal block, for RZI-N-1T8	0.103	1
ND-RI-SB14	OEZ:44395	terminal block, for RZI-N-1T12	0.186	1
ND-RI-SB18	OEZ:44396	terminal block, for RZI-N-1T18, RZI-N-2T24	0.214	1
ND-RI-SB26	OEZ:44397	terminal block, for RZI-N-2T36, RZI-N-3T36	0.330	1
ND-RI-SB36	OEZ:44398	terminal block, for RZI-N-3T54	0.418	1

TERMINAL COVERS KJ



- For mounting devices on “U” rails according to EN 60715 of width 35 mm with cut-out in 46 mm cover plate.
- Suitable for installation of modular devices Minia.
- Degree of protection IP30.
- Sealing capability after inserting the pin into the base (the pin is part of the cover).
- Base contains “U” device rail according to EN 60715 of width 35 mm.
- Cover is fastened to the base with plastic latches.
- In the top part of the base and cover are prepressed holes for wires leading out.
- Type KJ-4L is equipped with 4x 16 mm² terminal block for Cu conductors.

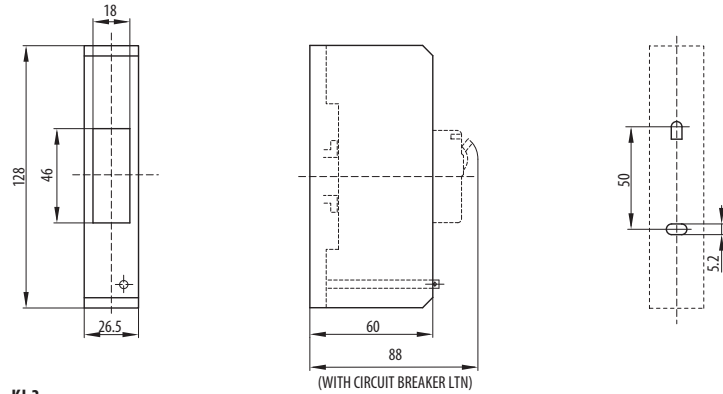
Max. number of modules ¹⁾	Type	Order code	Weight [kg]	Package [pcs]
1	KJ-1	OEZ:00037	0.055	1
3	KJ-3	OEZ:08048	0.090	1
4	KJ-4	OEZ:00039	0.140	1
	KJ-4L ²⁾	OEZ:08419	0.160	1

¹⁾ 1 module = 17,5 mm.

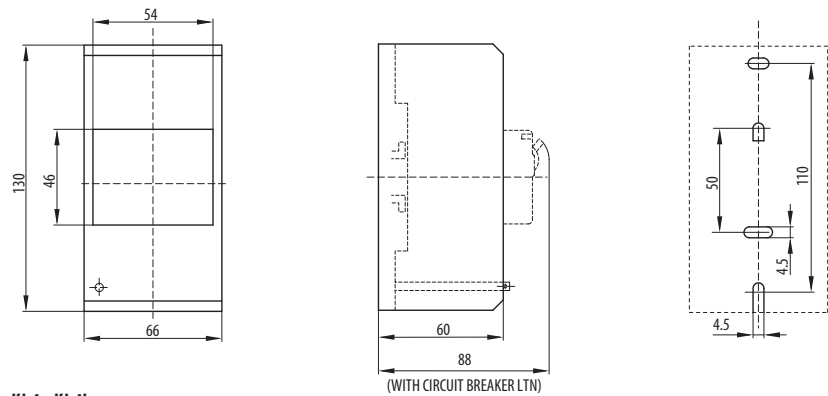
²⁾ Contains a terminal board 4x 16 mm².

Dimensions

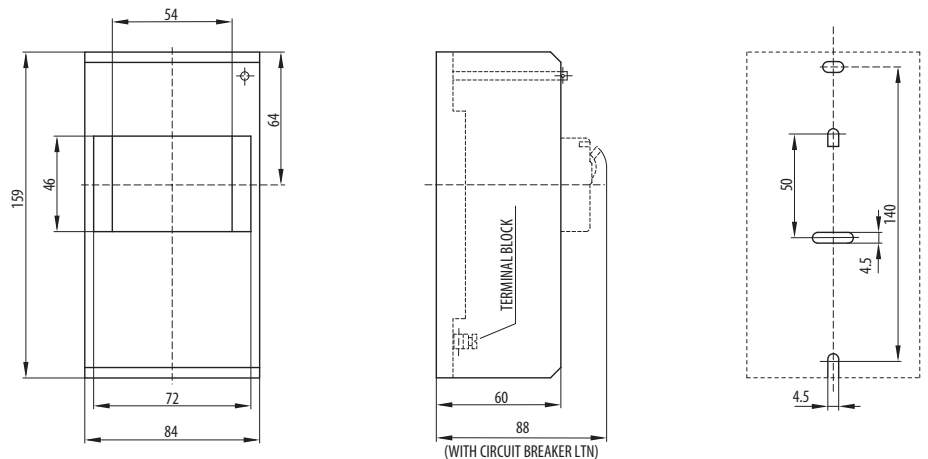
KJ-1



KJ-3



KJ-4, KJ-4L

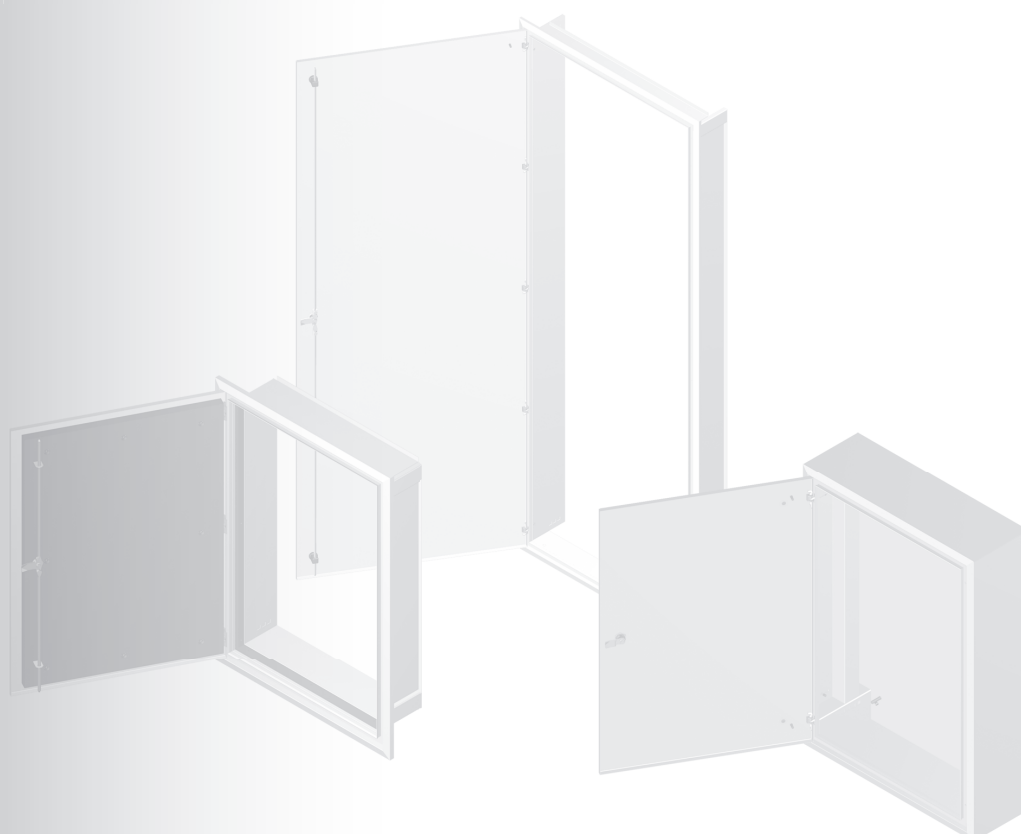
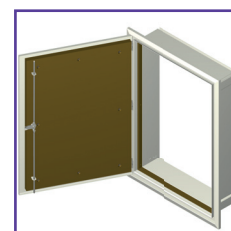


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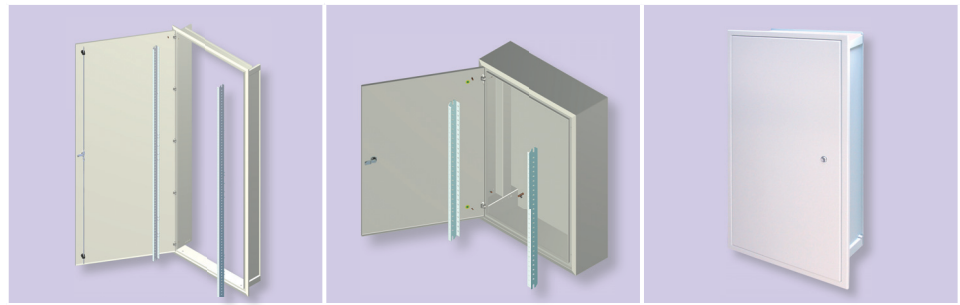
A large grid of dots for taking notes, consisting of approximately 30 columns and 40 rows of small, evenly spaced dots.

❑ Summary of models.....	C2
❑ Description.....	C3
❑ Steel-sheet flush-mounted enclosures DZ.....	C4
❑ Steel-sheet wall-mounted enclosures DN.....	C7
❑ Fire resistant steel-sheet flush-mounted enclosures DZ...EI30S.....	C10
❑ DZ, DN, DZ...EI30S accessories.....	C13
❑ Examples of fitting of the enclosures DZ, DN, DZ...EI30S.....	C16

ENCLOSURES DistriSet



SUMMARY OF MODELS

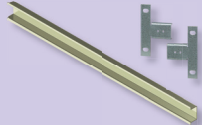
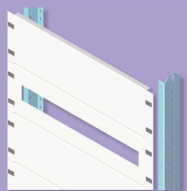
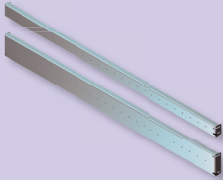
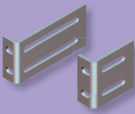
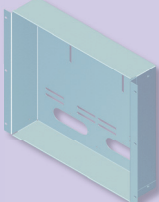


Type	DZ	DN	DZ...EI30S
Design	steel-sheet	steel-sheet	steel-sheet with fire resistance
Fire resistance	-	-	EI30S
Installation	flush-mounted	wall-mounted	flush-mounted
Degree of protection	IP43	IP43	IP54
Rated values of the used devices	max. 400 A, AC 230/400 V		
Protection class	I		
Standard equipment	modular rails (see pictures above)		

Parameters after completion of the modular system

Total number of modules	72 ÷ 741	72 ÷ 741	72 ÷ 455
Total number of electrometer plates	2 ÷ 20	2 ÷ 20	2 ÷ 12

Accessories - modular system

<p>"U" rails</p> 	<p>for modular device fastening, height 35 mm, depth 15 mm</p>
<p>Covers</p> 	<p>with cut-out 45 mm or without cut-out, height 50 to 450 mm</p>
<p>Device rails</p> 	<p>for device fastening, e.g. moulded case circuit breakers, contactors and fuse switch-disconnectors, rail height 50 to 130 mm, mounting depth of devices 38 to 130 mm</p>
<p>Sliding brackets</p> 	<p>for setting the depth of the device rails</p>
<p>Electrometer plates</p> 	<p>2 to 5 meter places next to each other</p>

DESCRIPTION

Description of cabinet and modular system

Frame

- welded from steel-sheet thick 1.3 mm (DZ); 1.5 mm (DN, DZ...EI30)
- earthing points for connection of earth conductor

Modular system - modular rails (part of enclosures supply)

- steel-sheet of thickness 1.5 mm

Modular system - "U" rails (accessories)

- according to EN 60715

Modular system - device rails (accessories)

- steel-sheet of thickness 2 mm, rail height 50, 100 mm
- installation by means of sliding brackets PD-D-...DP...

Door

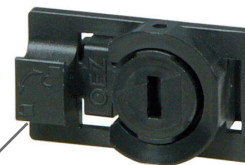
- steel-sheet of thickness 1.5 mm
- left, easily modifiable to right
- earthing points for connection of protective conductor
- opening door 120°
- in design with fire resistance EI30S it is equipped with fire-proof sealing plate GREMAT
- double door from internal width 910 mm

Closing

- 3 ÷ 5 rows 1 quarter turn lock (female square 6 x 6 mm)
- 7 ÷ 9 rows 2 quarter turn locks (female square 6 x 6 mm)
- 11 ÷ 13 rows three-point bar closure (internal square 6 x 6 mm)
- Three-point closure is used for all fire-resistant designs

Closure

- closing by turning by 90°
- sealing option



Modular system - covers (accessories)

- plastic of thickness 3 mm
- with cut-out 45 mm, covers height 150 mm
- without cut-out, covers height 50, 150, 300, 450 mm
- fastening by means of quick-acting closures with handles

Modular system - electrometer plates (accessories)

- on the entire width of the cabinet
- 2 ÷ 5 electrometer plates side-by-side
- galvanized steel sheet of 1 mm thickness
- electrometer plate reinforcement
- cable grommets

OEZ configurator can be used for specification of the enclosures and accessories.

STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ



Basic description

- For building, residential and similar installations.
- Suitable for installation of Minia, Modeion, Varius, Conteo devices.
- The enclosures are normally equipped with modular rails for installation of device rails and covers.
- Lock insert is formed by female square 6 x 6 mm.
- The package contains:
 - frame
 - door
 - modular rails
 - fastening material.

Purchase order example:

Order code	Type	Product name	pcs
OEZ:39370	DZ43-3509	Flush-mounted enclosure DZ	1
OEZ:39455	PD-D-KMV01535	Cover for modular system DZ with cut-out, height 150 mm	4
OEZ:39599	PD-D-KM00535	Cover for modular system DZ without cut-out, height 50 mm	1
OEZ:39459	PD-D-KM01035	Cover for modular system DZ without cut-out, height 100 mm	1
OEZ:39463	PD-D-KM01535	Cover for modular system DZ without cut-out, height 150 mm	1
OEZ:39471	PD-D-KM04535	Cover for modular system DZ without cut-out, height 450 mm	1
OEZ:39354	PD-R-ZAS1000-S	Blind plate, grey (RAL 7035), 55 modules	1
OEZ:39501	PD-D-L35-VU35	"U" rail TH35-15	4

OEZ configurator can be used for specification of the enclosures.

Selection table


Frame internal dimensions		Number of modules in a row	Number of rows height 150 mm	Max. total number of modules	Door design *)	Number of meters in a row	Max. number of rows of electric meters	Type	Order code	Weight [kg]	Package [pcs]				
height [mm]	width [mm]														
550	510	24	3	72	1K	2	1	DZ43-2403	OEZ:39358	16	1				
750			5	120			1	DZ43-2405	OEZ:39359	20	1				
950			6	144			2	DZ43-2406	OEZ:39360	23	1				
1150			7	168			2	DZ43-2407	OEZ:39361	27	1				
1350			9	216			3	DZ43-2409	OEZ:39362	31	1				
1550			10	240			3	DZ43-2410	OEZ:39363	35	1				
1750			11	264			4	DZ43-2411	OEZ:39364	38	1				
1950			13	312			4	DZ43-2413	OEZ:39365	42	1				
550	710	35	3	105	1K	3	1	DZ43-3503	OEZ:39366	19	1				
750			5	175			1	DZ43-3505	OEZ:39367	23	1				
950			6	210			2	DZ43-3506	OEZ:39368	28	1				
1150			7	245			2	DZ43-3507	OEZ:39369	32	1				
1350			9	315			3	DZ43-3509	OEZ:39370	36	1				
1550			10	350			3	DZ43-3510	OEZ:39371	41	1				
1750			11	385			4	DZ43-3511	OEZ:39372	45	1				
1950			13	455			4	DZ43-3513	OEZ:39373	49	1				
550	910	46	3	138	2K	4	1	DZ43-4603	OEZ:39374	22	1				
750			5	230			1	DZ43-4605	OEZ:39375	26	1				
1150			7	322			2	DZ43-4607	OEZ:39377	36	1				
1350			9	414			3	DZ43-4609	OEZ:39378	41	1				
1750			11	506			4	DZ43-4611	OEZ:39380	51	1				
1950			13	598			4	DZ43-4613	OEZ:39381	56	1				
750			1110	57			5	285	2K	5	1	DZ43-5705	OEZ:39383	30	1
1150							7	399			2	DZ43-5707	OEZ:39385	41	1
1350	9	513			3	DZ43-5709	OEZ:39386	47			1				
1750	11	627			4	DZ43-5711	OEZ:39388	58			1				
1950	13	741			4	DZ43-5713	OEZ:39389	63			1				

1 module = 18 mm

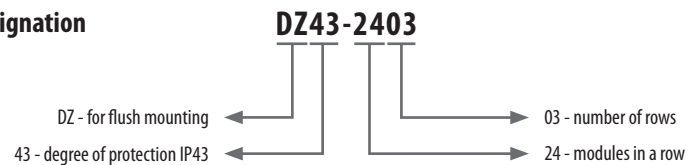
*) Door 1K - single, door 2K - double

STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ

Specifications

Type	DZ	
Standards	EN 60439-1, EN 60439-3, EN 62208	
Approval marks		
Colour	Grey (RAL7035)	
Degree of protection	DZ	IP43
Degree of protection against external mechanical impacts	IK08	
For circuits up to rated voltages	U_n	AC 1 000 V, DC 1 500 V
For circuits up to rated current	I_n	400 A
Place of use	indoor	
Sea level	max. 1 000 m	
Protection class	I	
Door	opening design	standardly left, easily modifiable to right non-transparent
Material	steel sheet	
Mounting	flush-mounted	

Type designation



Power loss and static load

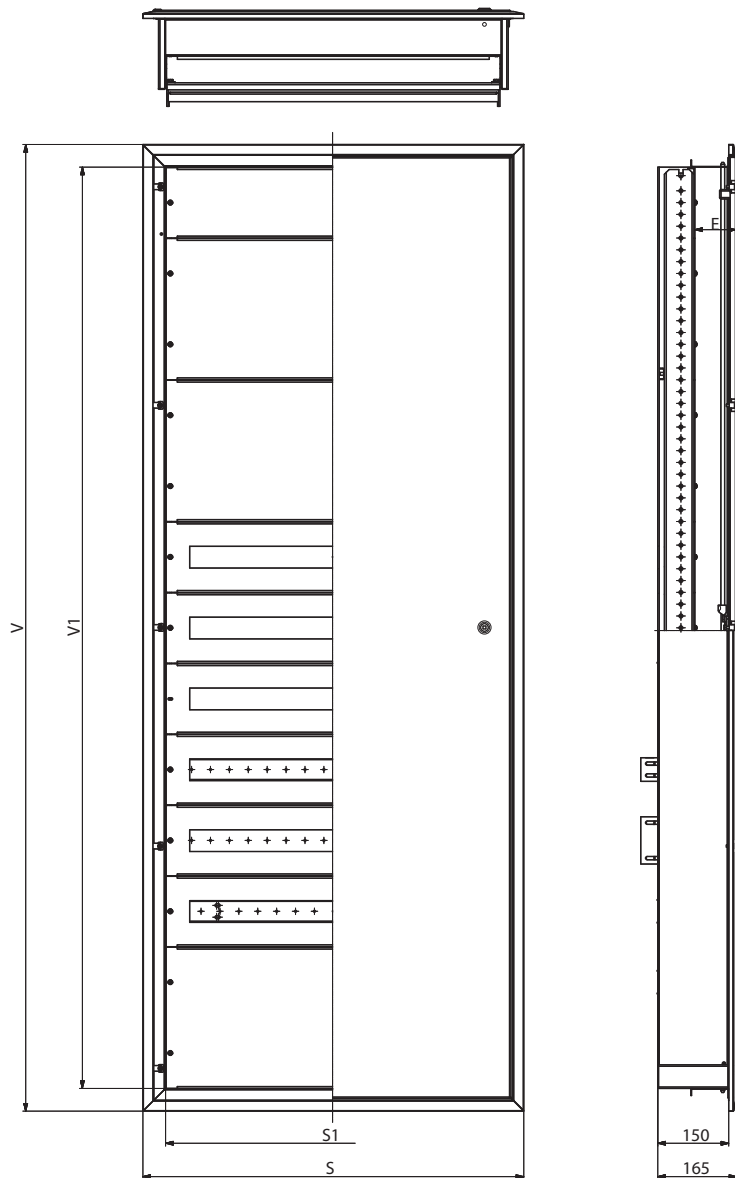
Type of flush-mounted enclosure	Power loss *) [W]	Static load of enclosures **) [kg]
DZ43-2403	62	11.7
DZ43-2405	79	15.8
DZ43-2406	96	19.4
DZ43-2407	113	23.1
DZ43-2409	130	26.9
DZ43-2410	148	30.7
DZ43-2411	165	34.6
DZ43-2413	182	38.4
DZ43-3503	79	15.6
DZ43-3505	101	20.7
DZ43-3506	123	25.8
DZ43-3507	145	30.9
DZ43-3509	167	35.9
DZ43-3510	189	41.0
DZ43-3511	211	46.0
DZ43-3513	233	51.1
DZ43-4603	96	9.7
DZ43-4605	123	12.8
DZ43-4607	176	19.1
DZ43-4609	203	22.3
DZ43-4611	256	28.6
DZ43-4613	283	31.6
DZ43-5705	145	15.5
DZ43-5707	208	23.0
DZ43-5709	240	26.8
DZ43-5711	302	34.3
DZ43-5713	334	38.1

*) Power loss dissipated by the surface of the enclosure according to IEC 890 + A1 - A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear, $\Delta T = 15$ K (difference between internal and external temperature).

**) Static load of door DZ43... 1 kg

STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ

Flush-mounted

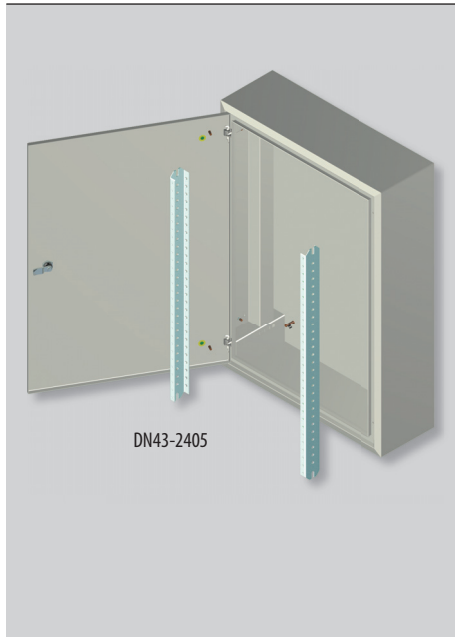


Type of enclosure	V [mm]	S [mm]	V1 - height for covering [mm]	S1 [mm]	Emin. [mm]	Estř. [mm]	Emax. [mm]
DZ43-2403	646		550				
DZ43-2405	846		750				
DZ43-2406	1 046		950				
DZ43-2407	1 246		1 150				
DZ43-2409	1 446	606	1 350	510	66.5	85	103.5
DZ43-2410	1 646		1 550				
DZ43-2411	1 846		1 750				
DZ43-2413	2 046		1 950				
DZ43-3503	646		550				
DZ43-3505	846		750				
DZ43-3506	1 046		950				
DZ43-3507	1 246		1 150				
DZ43-3509	1 446	806	1 350	710	66.5	85	103.5
DZ43-3510	1 646		1 550				
DZ43-3511	1 846		1 750				
DZ43-3513	2 046		1 950				
DZ43-4603	646		550				
DZ43-4605	846		750				
DZ43-4607	1 246		1 150				
DZ43-4609	1 446	1 006	1 350	910	66.5	85	103.5
DZ43-4611	1 846		1 750				
DZ43-4613	2 046		1 950				
DZ43-5705	846		750				
DZ43-5707	1 246		1 150				
DZ43-5709	1 446	1 206	1 350	1 110	66.5	85	103.5
DZ43-5711	1 846		1 750				
DZ43-5713	2 046		1 950				

Hole for immersion [mm]			
Height	Width	Depth	Depth with use of holders PD-...DP100
605			
805			
1 005			
1 205			
1 405	565	180	260
1 605			
1 805			
2 005			
605			
805			
1 005			
1 205			
1 405	765	180	260
1 605			
1 805			
2 005			
605			
805			
1 205			
1 405	965	180	260
1 805			
2 005			
805			
1 205			
1 405	1 165	180	260
1 805			
2 005			

Tolerance of hole for immersion: 0 ÷ 10 mm.

STEEL-SHEET WALL-MOUNTED ENCLOSURES DN



Basic description

- For building, residential and similar installations.
- Suitable for installation of Minia, Modeion, Varius, Conteo devices.
- The enclosures are normally equipped with modular rails for installation of device rails and covers.
- Lock insert is formed by internal square 6 x 6 mm.
- The package contains:
 - frame
 - door
 - modular rails
 - additional covers
 - fastening material.

Purchase order example:

Order code	Type	Product name	pcs
OEZ:39434	DN43-3509	Wall-mounted enclosure DN	1
OEZ:39505	PD-D-1E335	Electrometer plate	1
OEZ:39455	PD-D-KMV01535	Cover for modular system DN with cut-out, height 150 mm	4
OEZ:39599	PD-D-KM00535	Cover for modular system DN without cut-out, height 50 mm	2
OEZ:39459	PD-D-KM01035	Cover for modular system DN without cut-out, height 100 mm	1
OEZ:39463	PD-D-KM01535	Cover for modular system DN without cut-out, height 150 mm	1
OEZ:39354	PD-R-ZAS1000-S	Blind plate, grey (RAL 7035), 55 modules	1
OEZ:39501	PD-D-L35-VU35	"U" rail TH35-15	5

OEZ configurator can be used for specification of the enclosures.

Selection table


Frame internal dimensions		Number of modules in a row	Number of rows height 150 mm	Max. total number of modules	Door design *)	Number of meters in a row	Max. number of rows of electric meters	Type	Order code	Weight [kg]	Package [pcs]
height [mm]	width [mm]										
650	510	24	3	72	1K	2	1	DN43-2403	OEZ:39422	23	1
850			5	120			1	DN43-2405	OEZ:39423	28	1
1 050			6	144			2	DN43-2406	OEZ:39424	33	1
1 250			7	168			2	DN43-2407	OEZ:39425	39	1
1 450			9	216			3	DN43-2409	OEZ:39426	44	1
1 650			10	240			3	DN43-2410	OEZ:39427	48	1
650	710	35	3	105	1K	3	1	DN43-3503	OEZ:39430	28	1
850			5	175			1	DN43-3505	OEZ:39431	34	1
1 050			6	210			2	DN43-3506	OEZ:39432	39	1
1 250			7	245			2	DN43-3507	OEZ:39433	46	1
1 450			9	315			3	DN43-3509	OEZ:39434	52	1
1 650			10	350			3	DN43-3510	OEZ:39435	58	1
1 850			11	385			4	DN43-3511	OEZ:39436	64	1
2 050			13	455			4	DN43-3513	OEZ:39437	70	1
650	910	46	3	138	2K	4	1	DN43-4603	OEZ:39438	32	1
850			5	230			1	DN43-4605	OEZ:39439	39	1
1 850			11	506			4	DN43-4611	OEZ:39444	75	1
2 050			13	598			4	DN43-4613	OEZ:39445	81	1
2 050	1 110	57	13	741	2K	5	4	DN43-5713	OEZ:39453	93	1

1 module = 18 mm

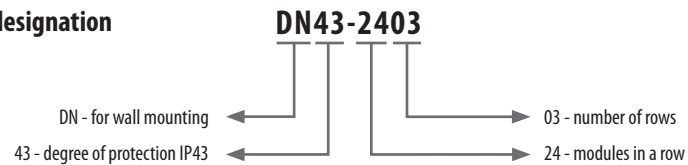
*) Door 1K - single, door 2K - double

STEEL-SHEET WALL-MOUNTED ENCLOSURES DN

Specifications

Type		DN
Standards		EN 60439-1, EN 60439-3, EN 62208
Approval marks		
Colour		Grey (RAL7035)
Degree of protection	DN	IP43
Degree of protection against external mechanical impacts		IK08
For circuits up to rated voltages	U_n	AC 1 000 V, DC 1 500 V
For circuits up to rated current	I_n	400 A
Place of use		indoor
Sea level		max. 1 000 m
Protection class		I
Door	opening	standardly left, easily modifiable to right
	design	non-transparent
Material		steel sheet
Mounting		wall-mounted

Type designation



Power loss and static load

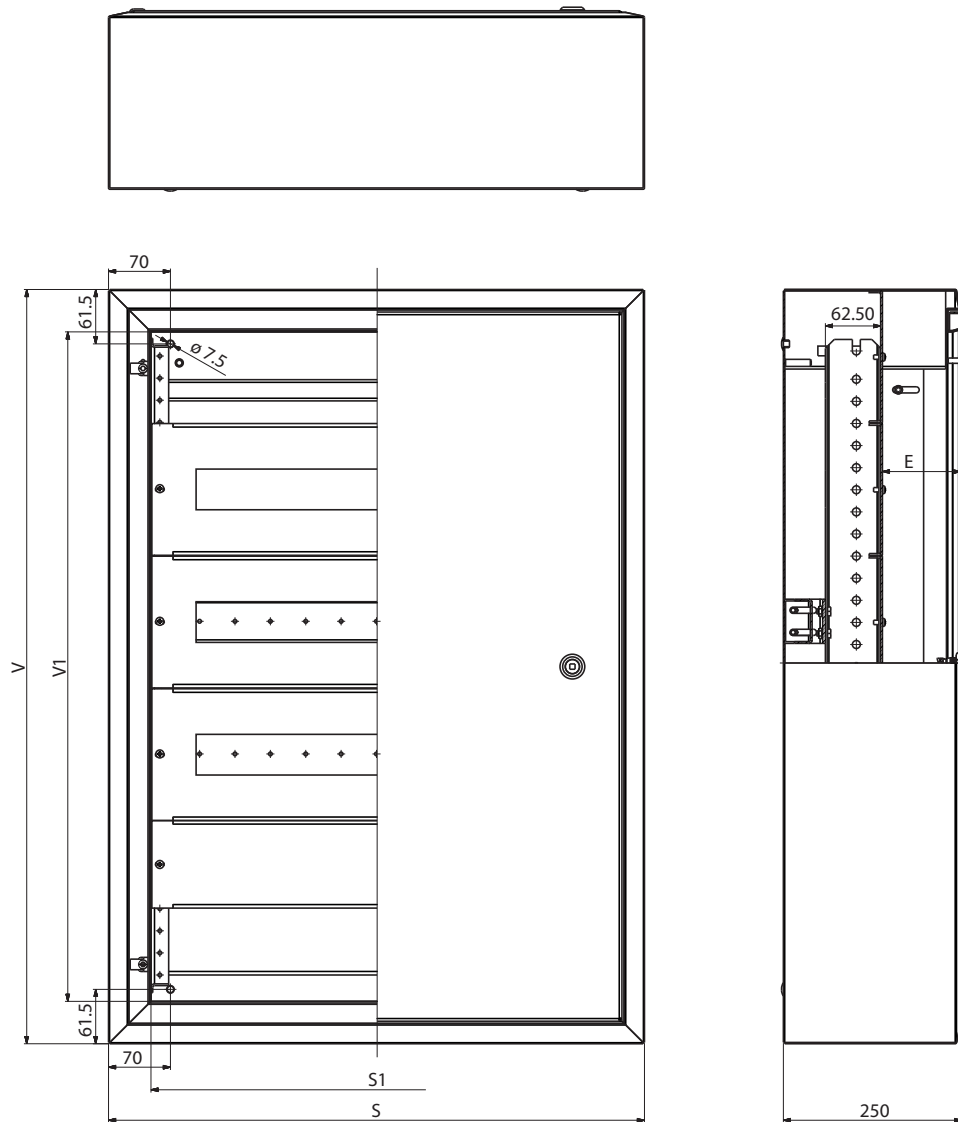
Type of wall-mounted enclosure	Power loss *) [W]	Static load of enclosures **) [kg]
DN43-2403	88	11.7
DN43-2405	110	15.8
DN43-2406	131	19.4
DN43-2407	149	23.1
DN43-2409	174	26.9
DN43-2410	192	30.7
DN43-3503	109	15.6
DN43-3505	135	20.7
DN43-3506	161	25.8
DN43-3507	183	30.9
DN43-3509	214	35.9
DN43-3510	235	41.0
DN43-3511	266	46.0
DN43-3513	292	51.1
DN43-4603	130	9.7
DN43-4605	161	12.8
DN43-4611	314	28.6
DN43-4613	345	31.6
DN43-5713	398	38.1

*) Power loss dissipated by the surface of the enclosure according to IEC 890 + A1 - A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear, $\Delta T = 15$ K (difference between internal and external temperature).

**) Static load of door DN43... 1 kg

STEEL-SHEET WALL-MOUNTED ENCLOSURES DN

Wall-mounted



Type of enclosure	V [mm]	S [mm]	V1 [mm]	S1 [mm]	Emin. [mm]	Estř. [mm]	Estř. [mm]	Emax. [mm]	Height for covering [mm]
DN43-2403	650		557						550
DN43-2405	850		757						750
DN43-2406	1050	610	957	510	68	86.5	105	123.5	950
DN43-2407	1250		1157						1150
DN43-2409	1450		1357						1350
DN43-2410	1650		1557						1550
DN43-3503	650		557						550
DN43-3505	850		757						750
DN43-3506	1050	810	957	710	68	86.5	105	123.5	950
DN43-3507	1250		1157						1150
DN43-3509	1450		1357						1350
DN43-3510	1650		1557						1550
DN43-3511	1850		1757						1750
DN43-3513	2050		1957						1950
DN43-4603	650		557						550
DN43-4605	850	1010	757	910	68	86.5	105	123.5	750
DN43-4611	1850		1757						1750
DN43-4613	2050		1957						1950
DN43-5713	2050	1206	1957	1110	68	86.5	105	123.5	1950

FIRE RESISTANT STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ...EI30S



DZ54-2405-EI30S

The fire stoppings of enclosures are manufactured according to EN 1634-1 and EN 13501-2 (Fire classification of construction products and building elements).

Basic description

- For building, residential and similar installations.
- Suitable for installation of Minia, Modeion, Varius, Conteo devices.
- The enclosure are normally equipped with modular rails for installation of device rails and covers.
- Fire resistance EI₃₀.
- Smoke control S_p/S_m (intrusion of cold and hot smoke).
- Degree of protection IP54.
- Three-point bar closure.
- The package contains:
 - frame
 - door
 - modular rails
 - fastening material.

Purchase order example:

Order code	Type	Product name	pcs
OEZ:42727	DZ54-2407-EI30S	Flush-mounted enclosure DZ, fire resistance EI30S, delivered with modular rails	1
OEZ:39504	PD-D-1E224	Electrometer plate, height 400 mm, approved for use in PRE, ĆEZ, E.ON	1
OEZ:39462	PD-D-KM01524	Cover for modular system DZ without cut-out, height 150 mm	2
OEZ:39466	PD-D-KM03024	Cover for modular system DZ without cut-out, height 300 mm	1
OEZ:39454	PD-D-KMV01524	Cover for modular system DZ with cut-out, height 150 mm	1
OEZ:39500	PD-D-L35-VU24	"U" rail TH35-15, depth 15 mm	4
OEZ:39354	PD-R-ZAS1000-S	Blind plate, grey (RAL 7035), 55 modules	1
OEZ:39732	PD-D-UM5P	Sealing screws, 4 pcs in set	1

OEZ configurator can be used for specification of the enclosures.

FIRE RESISTANCE CERTIFICATION EI30S

The product has been certified in the authorized testing laboratory PAVUS a.s. (Authorized body no. 216, Notified body no. 1391) Prosecká 412/74, 190 00 Praha 9 - Prosek.

Selection table


Frame internal dimensions		Number of modules in a row	Number of rows height 150 mm	Max. total number of modules	Door design *)	Number of meters in a row	Max. number of rows of electric meters	Type	Order code	Weight [kg]	Package [pcs]
height [mm]	width [mm]										
550	514	24	3	72	1K	2	1	DZ54-2403-EI30S	OEZ:42724	25	1
750			5	120			1	DZ54-2405-EI30S	OEZ:42725	30	1
950			6	144			2	DZ54-2406-EI30S	OEZ:42726	36	1
1 150			7	168			2	DZ54-2407-EI30S	OEZ:42727	42	1
1 350			9	216			3	DZ54-2409-EI30S	OEZ:42728	47	1
1 750			11	264			4	DZ54-2411-EI30S	OEZ:42730	59	1
550	714	35	3	105	1K	3	1	DZ54-3503-EI30S	OEZ:42732	36	1
750			5	175			1	DZ54-3505-EI30S	OEZ:42733	42	1
950			6	210			2	DZ54-3506-EI30S	OEZ:42734	47	1
1 150			7	245			2	DZ54-3507-EI30S	OEZ:42735	53	1
1 350			9	315			3	DZ54-3509-EI30S	OEZ:42736	59	1
1 750			11	385			4	DZ54-3511-EI30S	OEZ:42738	70	1
1 950	13	455	4	DZ54-3513-EI30S	OEZ:42739	76	1				

1 module = 18 mm

*) Door 1K - single, door 2K - double

FIRE RESISTANT STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ...EI30S

Specifications

Type		DZ...EI30S
Standards		EN 60439-1, EN 60439-3, EN 62208
Approval marks		
Colour		grey (RAL7035)
Degree of protection	DZ54...EI30S	IP54
Degree of protection against external mechanical impacts		IK08
For circuits up to rated voltages	U_n	AC 1 000 V, DC 1 500 V
For circuits up to rated current	I_n	400 A
Place of use		indoor
Sea level		max. 1 000 m
Protection class		I
Door	opening	standardly left, easily modifiable to right
	design	non-transparent
Material		steel sheet
Mounting		flush-mounted
Fire resistance		EI _{2,30} for DZ54...EI30S
Smoke control		S ₂ /S _m for DZ54...EI30S

Type designation



Power loss and static load

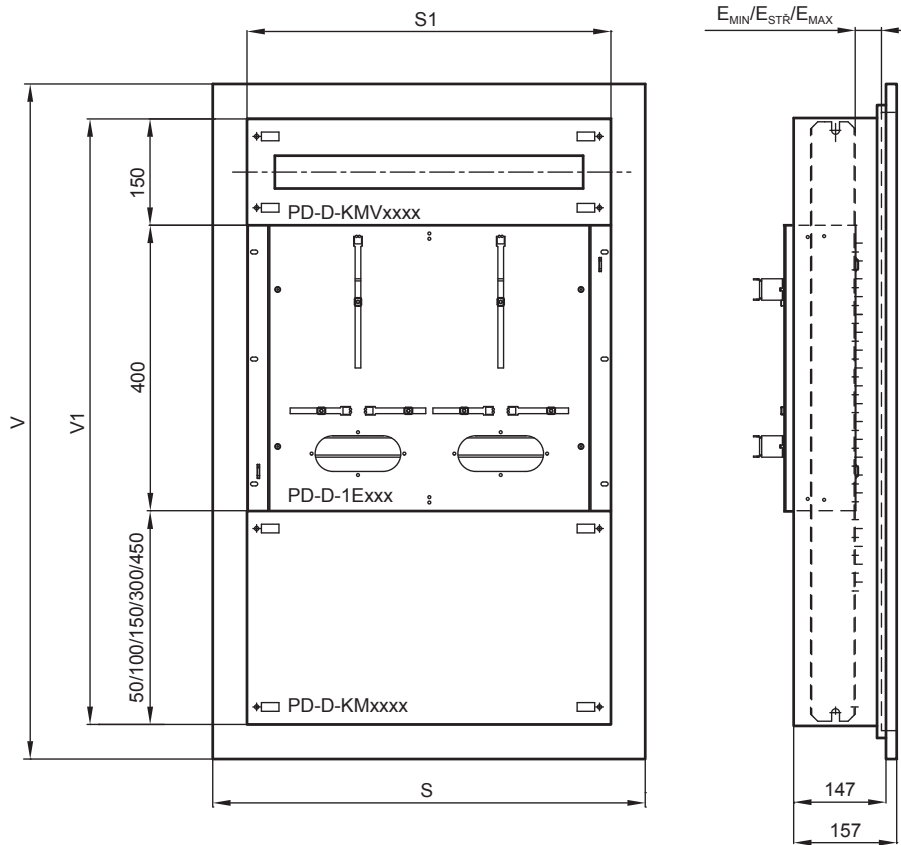
Type of fire resistant wall-mounted enclosure	Power loss *) [W]	Static load of enclosures **) [kg]
DZ54-2403-EI30S	56	11.7
DZ54-2405-EI30S	72	15.8
DZ54-2406-EI30S	88	19.4
DZ54-2407-EI30S	104	23.1
DZ54-2409-EI30S	120	26.9
DZ54-2411-EI30S	152	34.6
DZ54-3503-EI30S	72	15.6
DZ54-3505-EI30S	93	20.7
DZ54-3506-EI30S	113	25.8
DZ54-3507-EI30S	134	30.9
DZ54-3509-EI30S	155	35.9
DZ54-3511-EI30S	196	46.0
DZ54-3513-EI30S	217	51.1

*) Power loss dissipated by the surface of the enclosure according to IEC 890 + A1 - A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear, $\Delta T = 15$ K (difference between internal and external temperature).

**) Static load of door DZ43... 0 kg (no load).

FIRE RESISTANT STEEL-SHEET FLUSH-MOUNTED ENCLOSURES DZ...EI30S

Flush-mounted



Dimensions in installation of modular rails:

- in position E_{min} = 51.5 mm the depth of the opening for embedding is 150 mm
- in position E_{str} = 70.0 mm the depth of the opening for embedding is 162 mm
- in position E_{max} = 88.5 mm the depth of the opening for embedding is 181 mm
- with sliding brackets PD-xxDP50 in position E_{max} = 88.5 mm the depth of the opening for embedding is 240 mm
- with sliding brackets PD-xxDP100 in position E_{max} = 88.5 mm the depth of the opening for embedding is 292 mm
- with electrometer plates in position E_{str} = 70.0 mm the depth of the opening for embedding is 250 mm

The enclosure „EI30S“ must be embedded and perfectly sealed on perimeter by the building material!

Type of enclosure	V [mm]	S [mm]	V1 - height for covering [mm]	S1 [mm]
DZ54-2403-EI30S	673		550	
DZ54-2405-EI30S	873		750	
DZ54-2406-EI30S	1 073	678	950	514
DZ54-2407-EI30S	1 273		1 150	
DZ54-2409-EI30S	1 473		1 350	
DZ54-2411-EI30S	1 873		1 750	
DZ54-3503-EI30S	673		550	
DZ54-3505-EI30S	873		750	
DZ54-3506-EI30S	1 073	878	950	714
DZ54-3507-EI30S	1 273		1 150	
DZ54-3509-EI30S	1 473		1 350	
DZ54-3511-EI30S	1 873		1 750	
DZ54-3513-EI30S	2 073		1 950	

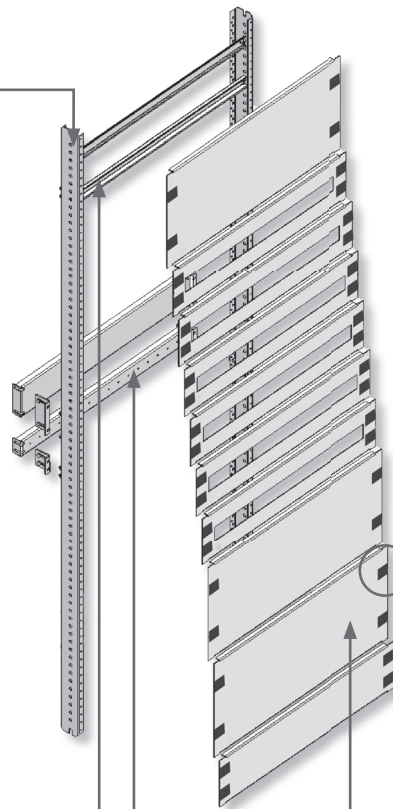
Hole for immuration [mm]	
Height	Width
626	
826	
1 026	631
1 226	
1 426	
1 826	
626	
826	
1 026	831
1 226	
1 426	
1 826	
2 026	

ACCESSORIES OF DZ, DN, DZ...EI30S

Description of modular system

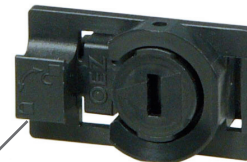
Modular system - modular rails
(part of enclosures supply)

- steel-sheet of thickness 1.5 mm



Closure

- closing by turning by 90°
- sealing option



Modular system - "U" rails
(accessories)

- according to EN 60715

Modular system - device rails
(accessories)

- steel-sheet of thickness 2 mm, rail height 50, 100 mm
- installation by means of sliding brackets PD-D-...DP..

Modular system - covers
(accessories)

- plastic of thickness 3 mm
- with cut-out 45 mm, covers height 150 mm
- without cut-out, covers height 50, 150, 300, 450 mm
- fastening by means of quick-acting closures with handles

Modular system - electrometer plates
(accessories)

- on the entire width of the cabinet
- 2 ÷ 5 electrometer plates side-by-side
- galvanized steel sheet of 1 mm thickness
- electrometer plate reinforcement
- cable grommets

OEZ configurator can be used for specification of the enclosures and accessories.

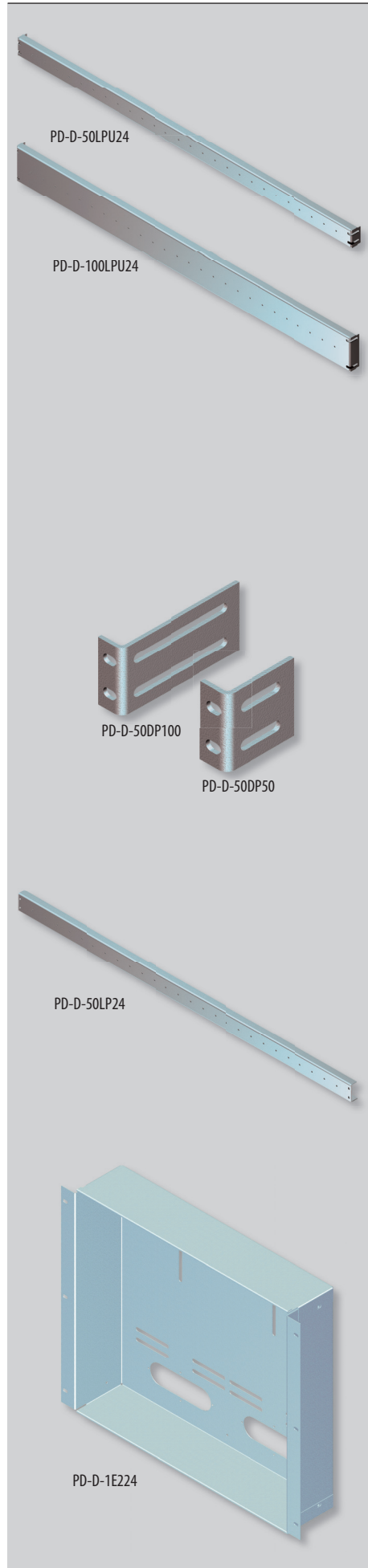


"U" rails

- Intended for device fastening.
- "U" rails according to EN 60715 of width 35 mm.
- Surface finishing by zinc plating.
- The package contains:
 - 1 rail
 - fastening material.

For enclosure		Rail height [mm]	Type	Order code	Weight [kg]	Package [pcs]
of internal width [mm]	modules in a row					
510	24	15	PD-D-L35-VU24	OEZ:39500	0.2	1
710	35		PD-D-L35-VU35	OEZ:39501	0.3	1
910	46		PD-D-L35-VU46	OEZ:39502	0.4	1
1 110	57		PD-D-L35-VU57	OEZ:39503	0.4	1

ACCESSORIES OF DZ, DN, DZ...EI30S



Device rails

- Common for DZ, DN, DZ...EI30S.
- Intended for device fastening.
- Device rail fastening by means of sliding brackets to modular rails.
- Steel sheet of thickness 2 mm.
- Surface finishing by zinc plating.
- PD-D-50LPU.. perforated for "U" rail fastening.
- The package contains:
 - 1 rail
 - fastening material.

For enclosure		Rail height [mm]	Type	Order code	Weight [kg]	Package [pcs]
of internal width [mm]	modules in a row					
510	24	50	PD-D-50LP24	OEZ:39719	0.7	1
		100	PD-D-100LP24	OEZ:39720	1.1	1
		130	PD-D-130LP24	OEZ:41312	1.4	1
710	35	50	PD-D-50LP35	OEZ:39721	0.9	1
		100	PD-D-100LP35	OEZ:39722	1.2	1
		130	PD-D-130LP35	OEZ:41313	1.6	1
910	46	50	PD-D-50LP46	OEZ:39723	1.3	1
		100	PD-D-100LP46	OEZ:39724	1.9	1
		130	PD-D-130LP46	OEZ:41314	2.3	1
1 110	57	50	PD-D-50LP57	OEZ:39725	1.5	1
		100	PD-D-100LP57	OEZ:39726	2.3	1
		130	PD-D-130LP57	OEZ:41315	2.8	1

Rails PD-D-130LPU.. are fastened by means of sliding brackets PD-D-100DP..

Sliding brackets

- Serve for adaptation of the mounting depth of devices.
- The package contains:
 - 2 brackets
 - fastening material.

Type	Order code	For rails	Depth [mm]	Weight [kg]	Package [pcs]
PD-D-50DP50	OEZ:39494	PD-D-50LPU..	50	0.10	1
PD-D-50DP100	OEZ:39495		100	0.12	1
PD-D-100DP50	OEZ:39757	PD-D-100LPU..	50	0.20	1
PD-D-100DP100	OEZ:39758	PD-D-130LPU..	100	0.24	1

Device rails

- Common for DZ, DN, DZ...EI30S.
- Intended for devices or "U" rails fastening.
- Device rail fastening directly to modular rails.
- Steel sheet of thickness 2 mm.
- Surface finishing by zinc plating.
- The package contains:
 - 1 rail
 - fastening material.

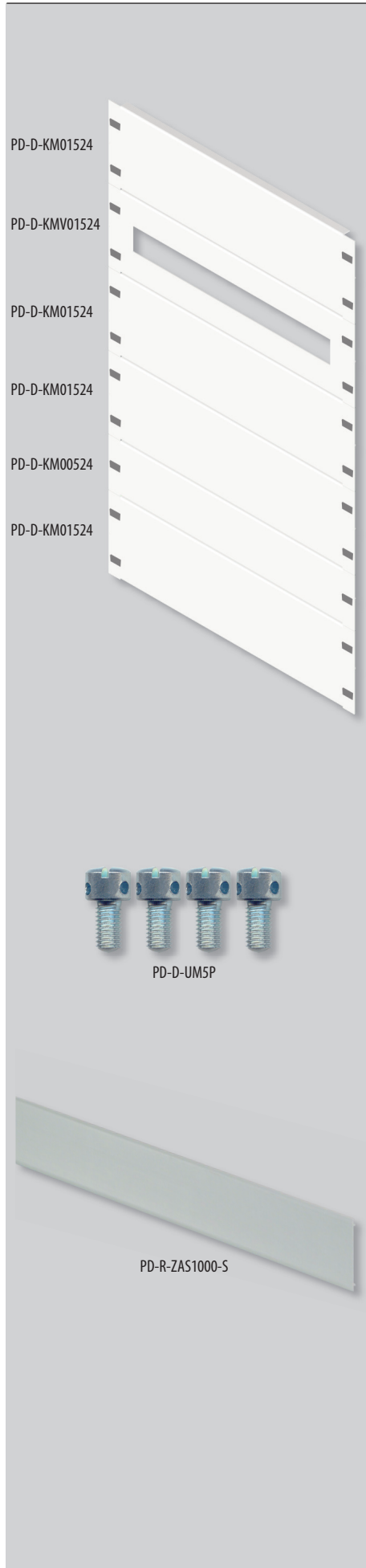
For enclosure		Rail height [mm]	Type	Order code	Weight [kg]	Package [pcs]
of internal width [mm]	modules in a row					
510	2	50	PD-D-50LP24	OEZ:39474	0.7	1
710	3		PD-D-50LP35	OEZ:39479	0.9	1
910	4		PD-D-50LP46	OEZ:39484	1.3	1
510	2		PD-D-50LP57	OEZ:39489	1.5	1

Electrometer plates

- Serve for installation of electric meters in the enclosure DZ, DN, DZ...EI30S.
- Equipped with sealing places.
- Steel-sheet thickness 1 mm.
- Surface finishing by zinc plating.
- The package contains:
 - 1 electrometer plate
 - 2 sealing screws
 - plastic bushes
 - fastening material.

For enclosure		Type	Order code	Tank height [mm]	Weight [kg]	Package [pcs]
of internal width [mm]	number of meters in a row					
510	2	PD-D-1E224	OEZ:39504	400	2.8	1
710	3	PD-D-1E335	OEZ:39505	400	3.2	1
910	4	PD-D-1E446	OEZ:39506	400	3.6	1
1 110	5	PD-D-1E557	OEZ:39507	400	4.2	1
510	2	PD-D-1E224-450	OEZ:39759	450	3.0	1

ACCESSORIES OF DZ, DN, DZ...EI30S



Covers

- Serve for covering the devices.
- Plastic of thickness 2 mm with cut-out of 45 mm or without cut-out, for coverage of e.g. terminals or empty place.
- Grey RAL7035.
- Overall height for coverage is identical to the internal height of the enclosure.
- The package contains:
 - 1 cover
 - fastening material.

For enclosure		Cover height [mm]	Cover design	Type	Order code	Cut-out width [mm]	Weight [kg]	Package [pcs]
of internal width [mm]	modules in a row							
510	24	50	without cut-out	PD-D-KM00524	OEZ:39598	432	0.13	1
710	35		without cut-out	PD-D-KM00535	OEZ:39599	630	0.15	1
910	46		without cut-out	PD-D-KM00546	OEZ:39600	828	0.23	1
1 110	57		without cut-out	PD-D-KM00557	OEZ:39601	1 026	0.26	1
510	24	100	without cut-out	PD-D-KM01024	OEZ:39458	432	0.25	1
710	35		without cut-out	PD-D-KM01035	OEZ:39459	630	0.31	1
910	46		without cut-out	PD-D-KM01046	OEZ:39460	828	0.45	1
1 110	57		without cut-out	PD-D-KM01057	OEZ:39461	1 026	0.51	1
510	24	150	cut-out 45 mm	PD-D-KMV01524	OEZ:39454	432	0.24	1
710	35		cut-out 45 mm	PD-D-KMV01535	OEZ:39455	630	0.28	1
910	46		cut-out 45 mm	PD-D-KMV01546	OEZ:39456	828	0.35	1
1 110	57		cut-out 45 mm	PD-D-KMV01557	OEZ:39457	1 026	0.45	1
510	24	150	without cut-out	PD-D-KM01524	OEZ:39462	432	0.26	1
710	35		without cut-out	PD-D-KM01535	OEZ:39463	630	0.35	1
910	46		without cut-out	PD-D-KM01546	OEZ:39464	828	0.50	1
1 110	57		without cut-out	PD-D-KM01557	OEZ:39465	1 026	0.56	1
510	24	300	without cut-out	PD-D-KM03024	OEZ:39466	432	0.48	1
710	35		without cut-out	PD-D-KM03035	OEZ:39467	630	0.66	1
910	46		without cut-out	PD-D-KM03046	OEZ:39468	828	0.97	1
1 110	57		without cut-out	PD-D-KM03057	OEZ:39469	1 026	1.08	1
510	24	450	without cut-out	PD-D-KM04524	OEZ:39470	432	0.94	1
710	35		without cut-out	PD-D-KM04535	OEZ:39471	630	1.05	1
910	46		without cut-out	PD-D-KM04546	OEZ:39472	828	1.10	1
1 110	57		without cut-out	PD-D-KM04557	OEZ:39473	1 026	2.10	1



PD-D-UMSP

Sealing screws

- Serve for sealing the electrometer plates and covers for modular systems.
- The package contains:
 - 4 sealing screws M5x10.

Type	Order code	Weight [kg]	Package [sets]
PD-D-UMSP	OEZ:39732	0.015	1

Blind plates

- Serve for coverage of unused 45 mm cut-outs in the modular covers.
- Material - plastic.
- The package contains:
 - 1 blind plate.

Colour	Number of modules	Type	Order code	Weight [kg]	Package [pcs]
Grey (RAL7035)	55	PD-R-ZAS1000-S	OEZ:39354	0.142	1

Spare parts

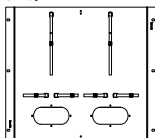
Type	Order code	Description	Weight [kg]	Package [pcs]
ND-D-M8P	OEZ:41329	cage nut for fastening vertical rails, set of 10 pcs, for DZ, DN	0.09	1
ND-D-UR3	OEZ:38548	closure for modular covers, set of 10 pcs, for DZ, DN	0.14	1
ND-D-PD	OEZ:41167	hinge for DZ43, DN43, 1 pc	0.01	1

EXAMPLES OF FITTING OF THE ENCLOSURES DZ, DN, DZ...EI30S

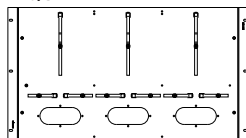
Internal height (mm)		Flush-mounted DZ			
550	100		150		
	150				
	150				
	150				
750	150		150		
	150				
	150				
	150				
	150				
950	50		100		
	150		150		
	150				
	150				
	150				
	150				
	150				
150	150				
1 150	100		150		
	150		150		
	150		150		
	150				
	150				
	150				
	150				
	150				
150	150				
150	150				
1 350	150		50		
	150		150		
	150		150		
	150		150		
	150		150		
	150				
	150				
	150				
	150				
	150				
150	150				
150	150				

Electrometer plates: enclosure internal width / number of meters in a row

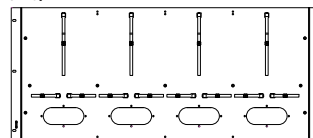
510/2



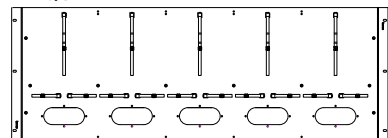
710/3



910/4



1 110/5



EXAMPLES OF FITTING OF THE ENCLOSURES DZ, DN, DZ...EI30S

Internal height (mm)				Flush-mounted DZ			
1550	50		100		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
1750	100		150		50		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
1950	150		50		100		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		
	150		150		150		

Wall-mounted enclosures DN - total height for covering = (cabinet height- 100 mm).

NOTES

A large grid of dots for taking notes, consisting of approximately 30 columns and 40 rows of small, evenly spaced dots.

❑	Summary of models	D2
❑	Description of wall-mounted switchboard cabinets NP	D4
❑	Selection table of switchboard cabinets NP	D6
❑	Wall-mounted switchboard cabinets for indoor use NP	D8
❑	Stainless steel wall-mounted switchboard cabinets for indoor and outdoor use NP...NX	D13
❑	Stainless steel wall-mounted switchboard cabinets for outdoor use NP...V	D17
❑	NP, NP...NX, NP...V accessories	D21
❑	Description of switchboard cabinets QA	D28
❑	Selection table of switchboard cabinets QA	D30
❑	Side-by-side cabinets QA	D31
❑	QA accessories	D36
	Corner enclosures, transition enclosures.....	D36
	Side covers, dividing covers between cabinets, covers for variable depths of cabinets.....	D38
	Pedestals, pedestals with ventilation.....	D39
	Pedestals for corner and transition enclosures.....	D41
	Bottom sliding flanges, one-piece bottom covers.....	D42
	Upper covers with ventilation.....	D43
	Mounting plates, rails for easy mounting of mounting plate, filler plates between mounting plates.....	D44
	Rails for back, side or front mounting.....	D45
	Vertical rails, vertical rail brackets.....	D46
	Device rails, sliding brackets.....	D47
	Front and back terminal rails, terminal blocks brackets, rails for cable holders SONAP.....	D48
	Modular rails.....	D49
	Spacers, cabinet joining kits, lifting lugs, door catch.....	D52
	Locks, cage nuts, data pockets, repair varnishes.....	D53
	Door switch brackets, door switch, light.....	D54
	Spare parts.....	D55

SWITCHBOARD CABINETS DistriBox



SUMMARY OF MODELS








Type	NP	NP...-NX	NP...-V
Design	steel-sheet	stainless	stainless with outdoor colour
Door	plain/glazed	plain	plain
Installation	wall-mounted		
Place of use	indoor	indoor and outdoor	outdoor
Degree of protection (single/double door)	IP66/IP55	IP66/IP55	IP66/-
Degree of protection against external mechanical impacts (plain/plazed door)	IK10/08	IK10/-	IK10/-
Rated values of the used devices	max. 1 600 A, AC 230/400 V		
Protection class	I		
Standard equipment	mounting plate		

Specifications after completion of switchboard cabinet with modular system

Total number of modules (single/double door)	36 ÷ 245 / 105 ÷ 399	54 ÷ 245 / 276 ÷ 322	54 ÷ 245 / -
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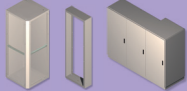

Accessories

Modular system 	for fastening of "U" rails (modular devices), device rails (moulded case circuit breakers, contractors and fuse switch-disconnectors) and front covers
Mounting anchors 	for fastening of switchboard cabinet to the wall
Locks 	different variants of locks
Flange 	for fastening of cable grommets
Cable grommets 	for cable pass-through to the switchboard cabinet

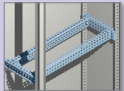



SUMMARY OF MODELS

Type	QA40	QA55
Design	steel-sheet	steel-sheet
Door	plain	plain
Installation	side-by-side	
Place of use	indoor	indoor
Degree of protection (single/double door)	IP40	IP55
Degree of protection against external mechanical impacts	IK10	IK10
Rated values of the used devices	max. 6 300 A, AC 230/400 V	
Protection class	I	



Accessories for switchboard cabinet frame equipment

Base		serves for completion of the cabinet frame: side covers, pedestal, bottom cover
Enclosure		enclosure for assembly of the dimension variant switchboards: corner and transition enclosures, dividing covers, covers for variable depths of cabinets, joining kits
Locks		different variants of locks

Accessories for device fastening

Horizontal mounting grid		for mechanical fastening of heavy devices to the horizontal surface, e.g. Arion circuit breakers
Vertical mounting grid		for mechanical fastening of devices, e.g. Modeion, Varius,...
Mounting plate		for fastening of devices
Modular system		for fastening of modular devices and covering of switchboard after door opening

Accessories for busbar systems fastening

Delta		for constructing of busbar up to 6 300 A (see chapter E2)
Support insulators		for connection of busbar and protective conductor PE (see chapter E7)

DESCRIPTION OF WALL-MOUNTED SWITCHBOARD CABINETS NP

Highly frame rigidity

- High quality and uniform welds (robot laser welding).
- Steel sheet thickness up to 2 mm.
- Door reinforcement (for cabinet height 500 mm and greater).



Easy installation of device

- Easy positioning of equipment, mounting plate with drilling pattern.
- Mounting panel can be installed without unpacking the cabinet (separately packaged panel).
- Withdrawable modular system (accessories).
- Simplified installation of devices on door thanks to perforated reinforcement (for cabinet height 500 mm and greater).
- Easy installation of cables into the cabinet thanks to larger removable flange for cable grommets.

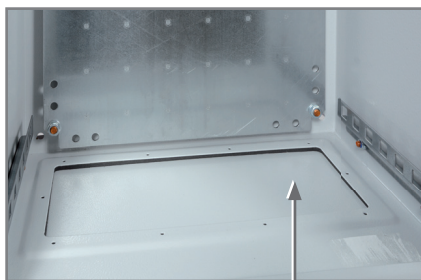
Withdrawable modular system



Cabinet of width 1 000 and 1 200 mm with double-wing door



Mounting plate with pattern



Larger removable flanges



Perforated mounting rails on the cabinet sides for cabinets of depth ≥ 250 mm

DESCRIPTION OF WALL-MOUNTED SWITCHBOARD CABINETS NP

Wide range

- Single a double door.
- Over 120 types in total.
- **Cabinets for indoor use**
 - plain door
 - glazed door (tempered safety glass, transparent)
- **Stainless steel cabinets**
 - with fine ground surface
- **Cabinets for outdoor use**
 - cabinet material - stainless steel
 - outdoor polyester powder paint

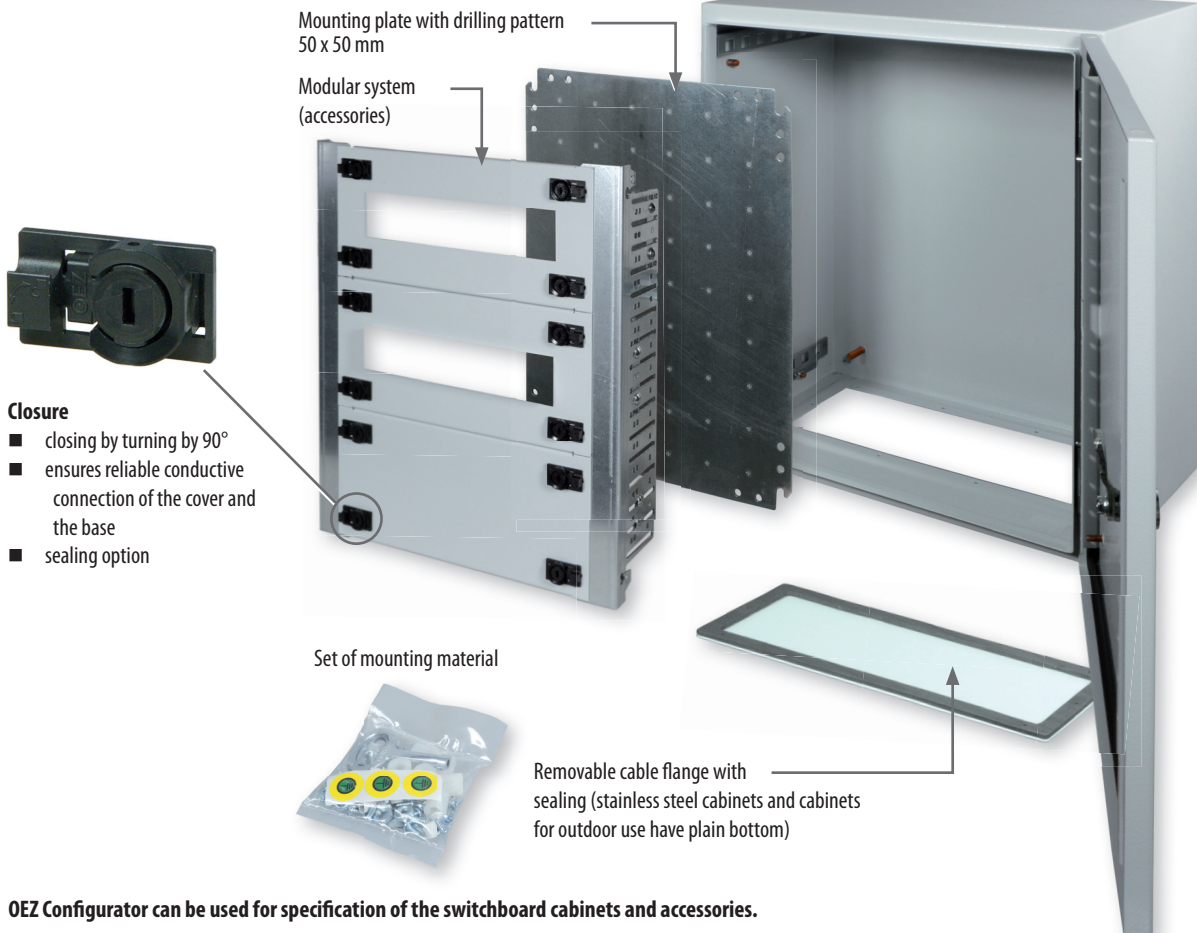


High degree of protection

- **Continuously cast polyurethane sealing without joints**
 - single door IP66
 - double door IP55


























Cabinet design description





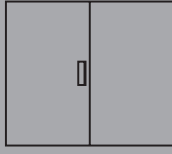
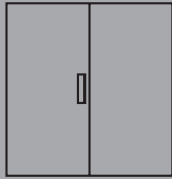




OEZ Configurator can be used for specification of the switchboard cabinets and accessories.

SELECTION TABLE OF SWITCHBOARD CABINETS NP

Frame dimensions		Height [mm]							
									
Depth [mm]	Width [mm]	300	400	500	600	700	800	1 000	1 200
155	 200	NP66-0302015 - NP66-0302015-NX NP66-0302015-V							
	 300		NP66-0403015 NP66-0403015-WG NP66-0403015-NX NP66-0403015-V						
	 400	NP66-0304015 NP66-0304015-WG NP66-0304015-NX NP66-0304015-V							
210	 300	NP66-0303021 NP66-0303021-WG NP66-0303021-NX NP66-0303021-V	NP66-0403021 NP66-0403021-WG NP66-0403021-NX NP66-0403021-V	NP66-0503021 NP66-0503021-WG -					
	 400	NP66-0304021 NP66-0304021-WG NP66-0304021-NX NP66-0304021-V	NP66-0404021 NP66-0404021-WG NP66-0404021-NX NP66-0404021-V	NP66-0504021 NP66-0504021-WG NP66-0504021-NX NP66-0504021-V	NP66-0604021 NP66-0604021-WG NP66-0604021-NX NP66-0604021-V				
	 500			NP66-0505021 NP66-0505021-WG NP66-0505021-NX NP66-0505021-V		NP66-0705021 NP66-0705021-WG -			
	 600				NP66-0606021 NP66-0606021-WG NP66-0606021-NX NP66-0606021-V				
250	 400			NP66-0504025 NP66-0504025-WG -	NP66-0604025 NP66-0604025-WG -				
	 500				NP66-0605025 NP66-0605025-WG -				
	 600		NP66-0406025 NP66-0406025-WG -		NP66-0606025 NP66-0606025-WG NP66-0606025-NX -		NP66-0806025 NP66-0806025-WG NP66-0806025-NX NP66-0806025-V	NP66-1006025 NP66-1006025-WG -	
	 800				NP66-0608025 NP66-0608025-WG -			NP66-1008025 -	
300	 500			NP66-0505030 NP66-0505030-WG NP66-0505030-NX NP66-0505030-V		NP66-0705030 NP66-0705030-WG NP66-0705030-NX NP66-0705030-V			
	 600				NP66-0606030 NP66-0606030-WG NP66-0606030-NX NP66-0606030-V		NP66-0806030 NP66-0806030-WG NP66-0806030-NX NP66-0806030-V		NP66-1206030 NP66-1206030-WG - NP66-1206030-V
	 800						NP66-0808030 NP66-0808030-WG NP66-0808030-NX NP66-0808030-V	NP66-1008030 NP66-1008030-WG NP66-1008030-NX -	NP66-1208030 NP66-1208030-WG NP66-1208030-NX -
400	 800						NP66-0808040 NP66-0808040-WG -	NP66-1008040 NP66-1008040-WG -	NP66-1208040 NP66-1208040-WG NP66-1208040-NX NP66-1208040-V

NP66... (indoor design with plain door)
 NP66...-WG (indoor design with glazed door)
 NP66...-NX (stainless steel - indoor and outdoor design with plain door)
 NP66...-V (outdoor design with plain door)

SELECTION TABLE OF SWITCHBOARD CABINETS NP

Frame dimensions		Height [mm]			
Depth [mm]	Width [mm]				
		600	800	1 000	1 200
300	 800	NP55-0608030-2K NP55-0608030-2K-WG -			
	 1 000		NP55-0810030-2K NP55-0810030-2K-WG -	NP55-1010030-2K NP55-1010030-2K-WG NP55-1010030-2K-NX	- - NP55-1210030-2K-NX
	 1 200		NP55-0812030-2K NP55-0812030-2K-WG -	NP55-1012030-2K NP55-1012030-2K-WG -	NP55-1212030-2K NP55-1212030-2K-WG -
400	 1 200				NP55-1212040-2K NP55-1212040-2K-WG -

NP55...-2K (indoor design with plain door)

NP55...-2K-WG (indoor design with glazed door)

NP55...-2K-NX (stainless steel - indoor and outdoor design with plain door)

WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP



NP66-0504021

NP66-0504021-WG



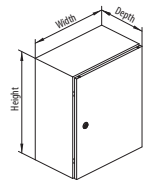
NP66-0504021

Basic description

- Steel-sheet cabinets are designed for applications in the industry for power circuits, measurement and control, or automation.
- Wall mounting:
 - directly through the rear
 - using wall mounting anchors.

Cabinets for indoor use with plain or glazed door

- Right door, easily modifiable to left.
- 1.5 mm steel sheet thickness of door; 2 mm for cabinets of height ≥ 800 mm.
- Tongue closing DB5, three-point closing for cabinets of height ≥ 1000 mm.
- Perforated door reinforcement for cabinets of height ≥ 500 mm.
- Expanded polyurethane sealing.
- Perforated mounting rails on the cabinet sides for cabinets of depth ≥ 250 mm.
- Mounting plate:
 - with drilling patten 50 x 50 mm
 - installation 16 mm from the rear
 - thickness 2; 2.5 or 3 mm
 - for cabinets of height and width > 600 mm the edges are bend-reinforced
 - hot-dip galvanized.
- The package contains:
 - cabinet
 - mounting plate
 - removable cable flange with sealing
 - fastening material for mounting panel and flange
 - key double bar 5 mm (double-bar, DB5).



Indoor use with plain door, single

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]	
Depth [mm]	Width [mm]	Height [mm]							
155	200	300	NP66-0302015	OEZ:44035	1xJ	–	4.50	1	
	300	400	NP66-0403015	OEZ:44039	1xJ	–	7.60	1	
	400	300	NP66-0304015	OEZ:44037	1xJ	–	7.00	1	
210	300	300	NP66-0303021	OEZ:44036	1xJ	–	7.00	1	
		400	NP66-0403021	OEZ:44040	1xJ	–	8.50	1	
		500	NP66-0503021	OEZ:44043	1xJ	–	9.50	1	
	400	300	NP66-0304021	OEZ:44038	1xJ	–	8.50	1	
		400	NP66-0404021	OEZ:44041	1xJ	–	9.50	1	
250	500	500	NP66-0504021	OEZ:44044	1xJ	–	12.50	1	
		600	NP66-0604021	OEZ:44048	2xJ	–	14.50	1	
	600	500	NP66-0505021	OEZ:44046	1xJ	–	14.50	1	
		700	NP66-0705021	OEZ:44055	2xJ	–	21.50	1	
	400	600	NP66-0606021	OEZ:44051	2xJ	–	21.50	1	
		500	NP66-0504025	OEZ:44045	1xJ	●/36	14.00	1	
		600	NP66-0604025	OEZ:44049	2xJ	●/36	17.50	1	
	300	500	600	NP66-0605025	OEZ:44050	2xJ	●/54	20.50	1
			400	NP66-0406025	OEZ:44042	1xJ	–	15.50	1
		600	600	NP66-0606025	OEZ:44052	2xJ	●/72	23.00	1
800			NP66-0806025	OEZ:44057	2xJ	●/120	31.50	1	
800		1000	NP66-1006025	OEZ:44061	3BR	●/144	51.00	1	
		600	NP66-0608025	OEZ:44054	2xJ	●/105	29.50	1	
		1000	NP66-1008025	OEZ:44062	3BR	●/210	51.00	1	
400	500	500	NP66-0505030	OEZ:44047	1xJ	●/54	17.50	1	
		700	NP66-0705030	OEZ:44056	2xJ	●/72	24.50	1	
	600	600	NP66-0606030	OEZ:44053	2xJ	●/72	24.00	1	
		800	NP66-0806030	OEZ:44058	2xJ	●/120	35.00	1	
	800	1200	NP66-1206030	OEZ:44065	3BR	●/168	47.00	1	
		800	NP66-0808030	OEZ:44059	2xJ	●/175	42.50	1	
		1000	NP66-1008030	OEZ:44063	3BR	●/210	52.00	1	
	1200	800	NP66-1208030	OEZ:44066	3BR	●/245	52.00	1	
800		NP66-0808040	OEZ:44060	2xJ	●/175	46.00	1		
400	800	1000	NP66-1008040	OEZ:44064	3BR	●/210	56.00	1	
		1200	NP66-1208040	OEZ:44067	3BR	●/245	64.00	1	

*) Modular system - accessories

1xJ = 1 quarter turn closure

2xJ = 2 quarter turn closures

3BR = three-point bar closure

WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP



NP55-0812030-2K



NP66-0504021-WG



NP55-0812030-2K-WG

Indoor use with plain door, double

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]
Depth [mm]	Width [mm]	Height [mm]						
300	800	600	NP55-0608030-2K	OEZ:44068	3BR	●/105	33.00	1
		800	NP55-0810030-2K	OEZ:44069	3BR	●/230	53.00	1
	1 000	1 000	NP55-1010030-2K	OEZ:44071	3BR	●/276	64.00	1
		800	NP55-0812030-2K	OEZ:44070	3BR	●/285	62.00	1
	1 200	1 000	NP55-1012030-2K	OEZ:44072	3BR	●/342	84.00	1
		1 200	NP55-1212030-2K	OEZ:44073	3BR	●/399	80.00	1
400	1 200	1 200	NP55-1212040-2K	OEZ:44074	3BR	●/399	98.40	1

*) Modular system - accessories
3BR = three-point bar closure

Indoor use with glazed door, single

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]	
Depth [mm]	Width [mm]	Height [mm]							
155	300	400	NP66-0403015-WG	OEZ:44079	1xJ	—	8.89	1	
		300	NP66-0304015-WG	OEZ:44077	1xJ	—	8.19	1	
210	300	300	NP66-0303021-WG	OEZ:44076	1xJ	—	8.19	1	
		400	NP66-0403021-WG	OEZ:44080	1xJ	—	9.95	1	
	400	500	NP66-0503021-WG	OEZ:44083	1xJ	—	11.12	1	
		300	NP66-0304021-WG	OEZ:44078	1xJ	—	9.95	1	
		400	NP66-0404021-WG	OEZ:44081	1xJ	—	11.12	1	
		500	NP66-0504021-WG	OEZ:44084	1xJ	—	14.63	1	
250	500	600	NP66-0604021-WG	OEZ:44088	2xJ	—	16.97	1	
		500	NP66-0505021-WG	OEZ:44086	1xJ	—	16.97	1	
	600	700	NP66-0705021-WG	OEZ:44095	2xJ	—	25.16	1	
		600	NP66-0606021-WG	OEZ:44091	2xJ	—	25.16	1	
	300	400	500	NP66-0504025-WG	OEZ:44085	1xJ	●/36	16.38	1
			600	NP66-0604025-WG	OEZ:44089	2xJ	●/36	20.48	1
		500	600	NP66-0605025-WG	OEZ:44090	2xJ	●/54	23.99	1
			400	NP66-0406025-WG	OEZ:44082	1xJ	—	18.14	1
		600	600	NP66-0606025-WG	OEZ:44092	2xJ	●/72	26.91	1
			800	NP66-0806025-WG	OEZ:44097	2xJ	●/120	36.86	1
1 000			NP66-1006025-WG	OEZ:44101	3BR	●/144	59.67	1	
800			NP66-0608025-WG	OEZ:44094	2xJ	●/105	34.52	1	
400	500	500	NP66-0505030-WG	OEZ:44087	1xJ	●/54	20.48	1	
		700	NP66-0705030-WG	OEZ:44096	2xJ	●/72	28.67	1	
	600	600	NP66-0606030-WG	OEZ:44093	2xJ	●/72	28.08	1	
		800	NP66-0806030-WG	OEZ:44098	2xJ	●/120	40.95	1	
	800	1 200	NP66-1206030-WG	OEZ:44105	3BR	●/168	54.99	1	
		800	NP66-0808030-WG	OEZ:44099	2xJ	●/175	49.73	1	
		1 000	NP66-1008030-WG	OEZ:44103	3BR	●/210	60.84	1	
		1 200	NP66-1208030-WG	OEZ:44106	3BR	●/245	60.84	1	
400	800	800	NP66-0808040-WG	OEZ:44100	2xJ	●/175	53.82	1	
		1 000	NP66-1008040-WG	OEZ:44104	3BR	●/210	65.52	1	
		1 200	NP66-1208040-WG	OEZ:44107	3BR	●/245	74.88	1	

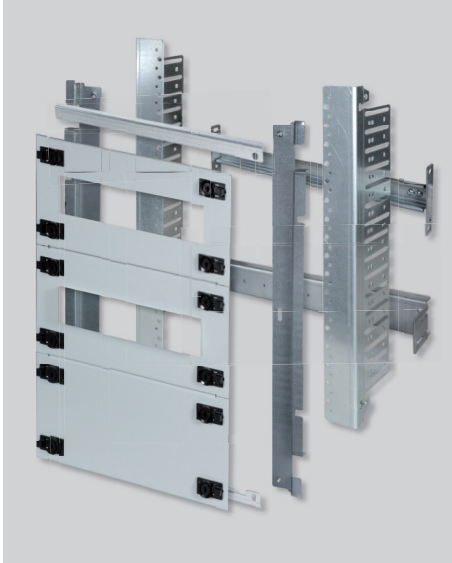
*) Modular system - accessories
1xJ = 1 quarter turn closure
2xJ = 2 quarter turn closures
3BR = three-point bar closure

Indoor use with glazed door, double

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]
Depth [mm]	Width [mm]	Height [mm]						
300	800	600	NP55-0608030-2K-WG	OEZ:44108	3BR	●/105	38.61	1
		800	NP55-0810030-2K-WG	OEZ:44109	3BR	●/230	62.01	1
	1 000	1 000	NP55-1010030-2K-WG	OEZ:44111	3BR	●/276	74.88	1
		800	NP55-0812030-2K-WG	OEZ:44110	3BR	●/285	72.54	1
	1 200	1 000	NP55-1012030-2K-WG	OEZ:44112	3BR	●/342	98.28	1
		1 200	NP55-1212030-2K-WG	OEZ:44113	3BR	●/399	93.60	1
400	1 200	1 200	NP55-1212040-2K-WG	OEZ:44114	3BR	●/399	115.13	1

*) Modular system - accessories
3BR = three-point bar closure

WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP



Accessories

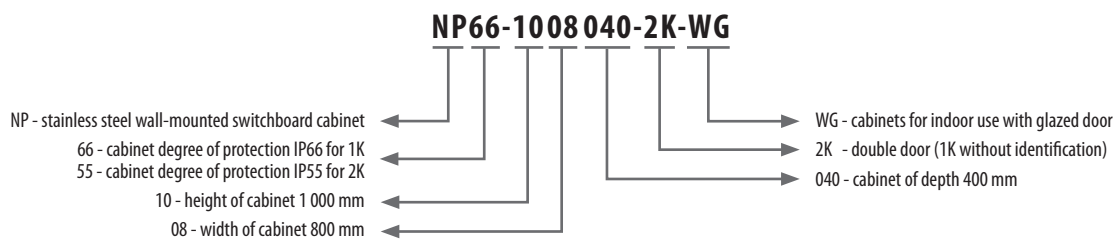
Modular system – modular rails	PD-NP-M..	page D21
Modular system – covers	PD-M-KMV.., PD-M-KMO..	page D22
Blind plate	PD-RI-ZAS-S	page B34
Blind plate	PD-R-ZAS1000-S	page C15
Modular system – outer covers	PD-NP-KMM.., PD-NP-KMK..	page D22
Modular system – “U” rails	PD-M-L35-VU..	page D23
Modular system – device rails	PD-M-50LP.., PD-M-130LP..	page D23
Mounting anchors	PD-NP-4Z08	page D23
Locks	PD-NP-UV..	page D24
Flanges	PD-NP-KD..	page D24
Cable grommets	PD-V-CG..	page D25
Spare parts	ND-..	page D26

OEZ Configurator can be used for specification of the switchboard cabinets and accessories.

Specifications

Type	NP66	NP55
Standards	IEC 62208 EN 62208	IEC 62208 EN 62208
Approval marks		
Installation	wall-mounted	wall-mounted
Degree of protection	IP66	IP55
Rated values of the used devices	max. 1 600 A, AC 230/400 V	max. 1 600 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V	AC 1 000 V, DC 1 500 V
Degree of protection against external mechanical impacts	plain door IK10 glazed door IK08	IK10 IK08
Protection class	I	I
Use	indoor	indoor
Cabinet material		
For indoor use	steel sheet coated with epoxy-polyester powder paint for indoor use, gloss	steel sheet coated with epoxy-polyester powder paint for indoor use, gloss
Glazing	transparent, tempered safety glass according to EN 12150, 4 mm thickness	transparent, tempered safety glass according to EN 12150, 4 mm thickness
Sealing	expanded polyurethane	expanded polyurethane
Door		
Opening	right/left	right/left
Door	single	double
Deign	plain/glazed	plain/glazed
Closing design	tongue closure / three-point bar closure	tongue closure / three-point bar closure
Colour	grey (RAL7035)	grey (RAL7035)

Type designation



WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP

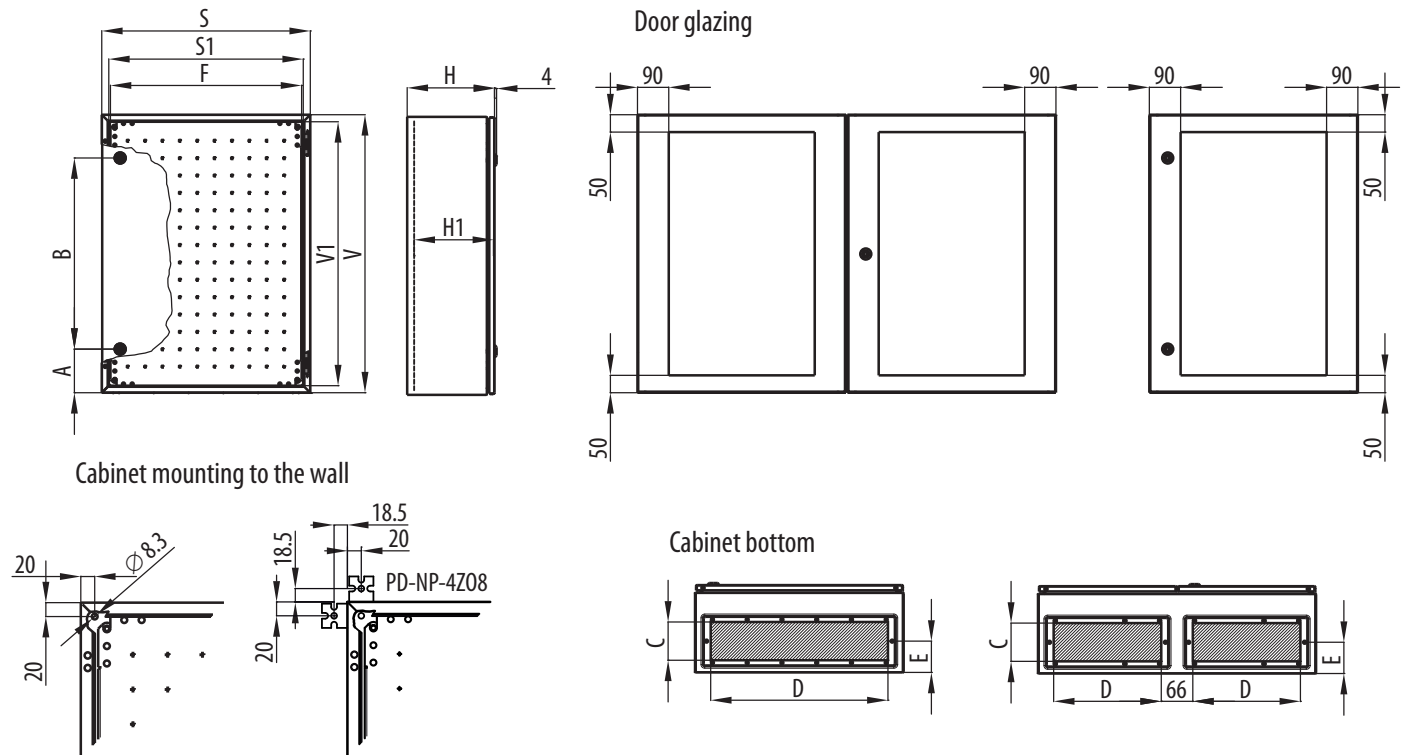
Heat dissipation and static load of cabinets

Depth [mm]	Frame dimensions		Power loss [W] *)		Static load		
	Width [mm]	Height [mm]	NP for indoor use with plain door	NP for indoor use with glazed door	Door [kg]	Mounting plate [kg]	Modular system [kg]
155	200	300	11.5	–	25	130	–
	300	400	24.1	19.5	25	130	–
	400	300	24.1	19.5	25	130	–
210	300	300	21.8	18.3	25	130	–
		400	27.3	22.7	25	130	–
		500	32.8	27.0	25	130	–
	400	400	34.1	27.9	25	130	–
		300	27.3	22.7	25	130	–
		500	40.8	33.1	25	130	–
	500	600	47.6	38.3	25	130	–
		500	48.8	39.2	25	130	–
		700	64.2	50.6	25	130	–
600	600	65.4	51.5	25	130	–	
250	400	500	43.8	36.1	25	130	45
		600	50.4	41.1	25	130	45
		600	59.9	48.3	25	130	45
	600	400	50.9	41.7	25	130	–
		600	69.4	55.5	25	130	45
		800	87.8	69.8	25	250	75
	800	1000	106.7	84.2	25	250	90
		600	88.3	69.8	25	130	45
		1000	135.8	–	25	180	90
300	500	500	56.4	46.7	25	130	45
		700	73.1	59.6	25	150	60
		600	74.3	60.4	25	130	45
	600	800	93.6	75.6	25	250	75
		1200	167.4	131.4	25	180	105
		800	118.2	94.2	25	180	75
	800	1000	142.8	112.8	25	180	90
		1200	133.0	106.0	25	180	105
		800	131.4	107.4	25	180	75
400	800	157.6	127.6	25	180	90	
	1200	183.9	147.9	25	180	105	
	800	94.1	75.6	25	300	45	
300	1000	800	142.8	112.8	25	300	75
		1000	172.3	134.8	25	300	90
		800	167.4	131.4	25	300	75
	1200	1000	201.8	156.8	25	300	90
		1200	236.2	182.2	25	300	105
400	1200	1200	256.0	202.0	25	300	105

*) Measurement of warming inside the cabinet $\Delta t = 15$ K.

WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR USE NP

Dimensions

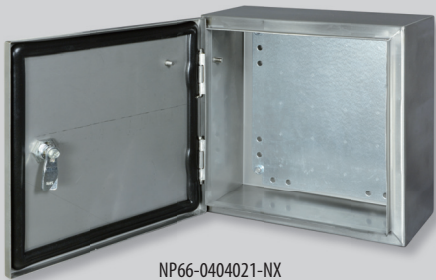


Frame dimensions

H Depth [mm]	S Width [mm]	V Height [mm]	Standard type	Glazing type	H1 [mm]	S1 [mm]	V1 [mm]	F [mm]	C [mm]	E [mm]	D [mm]	A [mm]	B [mm]
155	200	300	NP66-0302015	-	135	159	259	150	60	65	120	V/2	-
	300	400	NP66-0403015	NP66-0403015-WG	135	259	359	250	60	65	220	V/2	-
	400	300	NP66-0304015	NP66-0304015-WG	135	359	259	350	60	65	220	V/2	-
210	300	300	NP66-0303021	NP66-0303021-WG	190	259	259	250	110	90	220	V/2	-
		400	NP66-0403021	NP66-0403021-WG	190	259	359	250	110	90	220	V/2	-
		500	NP66-0503021	NP66-0503021-WG	190	259	459	250	110	90	220	V/2	-
	400	300	NP66-0304021	NP66-0304021-WG	190	359	259	350	110	90	320	V/2	-
		400	NP66-0404021	NP66-0404021-WG	190	359	359	350	110	90	320	V/2	-
		500	NP66-0504021	NP66-0504021-WG	190	359	459	350	110	90	320	V/2	-
500	600	NP66-0604021	NP66-0604021-WG	190	359	559	350	110	90	320	125	350	
	500	NP66-0505021	NP66-0505021-WG	190	459	459	450	110	90	420	V/2	-	
	700	NP66-0705021	NP66-0705021-WG	190	459	659	450	110	90	420	125	450	
600	600	NP66-0606021	NP66-0606021-WG	190	559	559	550	110	90	520	125	350	
250	400	500	NP66-0504025	NP66-0504025-WG	230	359	459	350	110	90	320	V/2	-
		600	NP66-0604025	NP66-0604025-WG	230	359	559	350	110	90	320	125	350
		500	NP66-0605025	NP66-0605025-WG	230	459	559	450	110	90	420	125	350
	600	400	NP66-0406025	NP66-0406025-WG	230	559	559	550	110	90	520	V/2	-
		600	NP66-0606025	NP66-0606025-WG	230	559	559	550	110	90	520	125	350
		800	NP66-0806025	NP66-0806025-WG	230	559	759	550	110	90	520	125	550
300	800	1000	NP66-1006025	NP66-1006025-WG	230	559	959	550	110	90	520	V/2	-
		600	NP66-0608025	NP66-0608025-WG	230	759	559	750	110	90	520	125	350
		1000	NP66-1008025	-	230	759	959	750	110	90	520	V/2	-
	500	500	NP66-0505030	NP66-0505030-WG	280	459	459	450	110	90	420	V/2	-
		700	NP66-0705030	NP66-0705030-WG	280	459	659	450	110	90	420	125	450
		600	NP66-0606030	NP66-0606030-WG	280	559	559	550	110	90	520	125	350
400	600	800	NP66-0806030	NP66-0806030-WG	280	559	759	550	110	90	520	125	550
		1200	NP66-1206030	NP66-1206030-WG	280	559	1159	550	110	90	520	V/2	-
	800	800	NP66-0808030	NP66-0808030-WG	280	759	759	750	110	90	520	125	550
		1000	NP66-1008030	NP66-1008030-WG	280	759	959	750	110	90	520	V/2	-
300	800	1200	NP66-1208030	NP66-1208030-WG	280	759	1159	750	110	90	520	V/2	-
		800	NP66-0808040	NP66-0808040-WG	380	759	759	750	110	90	520	125	550
		1000	NP66-1008040	NP66-1008040-WG	380	759	959	750	110	90	520	V/2	-
	1000	800	NP66-0808040	NP66-0808040-WG	380	759	1159	750	110	90	520	V/2	-
		800	NP55-0608030-2K	NP55-0608030-2K-WG	280	759	559	750	110	90	520	V/2	-
		1000	NP55-0810030-2K	NP55-0810030-2K-WG	280	959	759	950	110	90	2x420	V/2	-
400	1000	1000	NP55-1010030-2K	NP55-1010030-2K-WG	280	959	959	950	110	90	2x420	V/2	-
		800	NP55-0812030-2K	NP55-0812030-2K-WG	280	1159	759	1150	110	90	2x520	V/2	-
	1200	1000	NP55-1012030-2K	NP55-1012030-2K-WG	280	1159	959	1150	110	90	2x520	V/2	-
		1200	NP55-1212030-2K	NP55-1212030-2K-WG	280	1159	1159	1150	110	90	2x520	V/2	-
400	1200	NP55-1212040-2K	NP55-1212040-2K-WG	380	1159	1159	1150	110	90	2x520	V/2	-	

Mounting depth in the closing space is H1 - 31 mm.
Mounting depth in the 2K door space is H1 - 17 mm.

STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR AND OUTDOOR USE NP...NX



NP66-0404021-NX

Basic description

- Fine ground surface.
- Right door, left door by turning over the cabinet.
- 1.5 mm steel sheet thickness of door; 2 mm for cabinets of height ≥ 800 mm.
- Tongue closing DB5, three-point closing for cabinets of height $\geq 1\,000$ mm.
- Perforated door reinforcement for cabinets of height ≥ 500 mm.
- Expanded polyurethane sealing.
- Perforated mounting rails on the cabinet sides for cabinets of depth ≥ 250 mm.
- Mounting plate:
 - with drilling pattern 50 x 50 mm
 - installation 16 mm from the rear
 - thickness 2; 2.5 or 3 mm
 - for cabinets of height and width ≥ 600 mm the edges are bend-reinforced
 - hot-dip galvanized.
- Plain bottom.
- Outdoor use.
- Situated under the shelter or roof.
- The package contains:
 - cabinet
 - mounting plate
 - fastening material for mounting panel
 - key double bar 5 mm (double-bar, DB5).



NP66-0404021-NX

Indoor and outdoor use with plain door, single

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]	
Depth [mm]	Width [mm]	Height [mm]							
155	200	300	NP66-0302015-NX	OEZ:44115	1xJ	–	4.50	1	
	300	400	NP66-0403015-NX	OEZ:44119	1xJ	–	7.60	1	
	400	300	NP66-0304015-NX	OEZ:44117	1xJ	–	7.00	1	
210	300	300	NP66-0303021-NX	OEZ:44116	1xJ	–	7.00	1	
		400	NP66-0403021-NX	OEZ:44120	1xJ	–	8.50	1	
	400	300	NP66-0304021-NX	OEZ:44118	1xJ	–	8.50	1	
		400	NP66-0404021-NX	OEZ:44121	1xJ	–	9.50	1	
		500	NP66-0504021-NX	OEZ:44122	1xJ	–	12.50	1	
		600	NP66-0604021-NX	OEZ:44125	2xJ	–	14.50	1	
250	500	500	NP66-0505021-NX	OEZ:44123	1xJ	–	14.50	1	
		600	NP66-0606021-NX	OEZ:44126	2xJ	–	21.50	1	
	600	600	NP66-0606025-NX	OEZ:44127	2xJ	●/72	23.00	1	
		800	NP66-0806025-NX	OEZ:44130	2xJ	●/120	31.50	1	
	300	500	500	NP66-0505030-NX	OEZ:44124	1xJ	●/54	17.50	1
			700	NP66-0705030-NX	OEZ:44129	2xJ	●/72	24.50	1
		600	600	NP66-0606030-NX	OEZ:44128	2xJ	●/72	24.00	1
			800	NP66-0806030-NX	OEZ:44131	2xJ	●/120	35.00	1
800			NP66-0808030-NX	OEZ:44132	2xJ	●/175	42.50	1	
1 000			NP66-1008030-NX	OEZ:44133	3BR	●/210	52.00	1	
400	800	1 200	NP66-1208030-NX	OEZ:44134	3BR	●/245	52.00	1	
		1 200	NP66-1208040-NX	OEZ:44135	3BR	●/245	64.00	1	

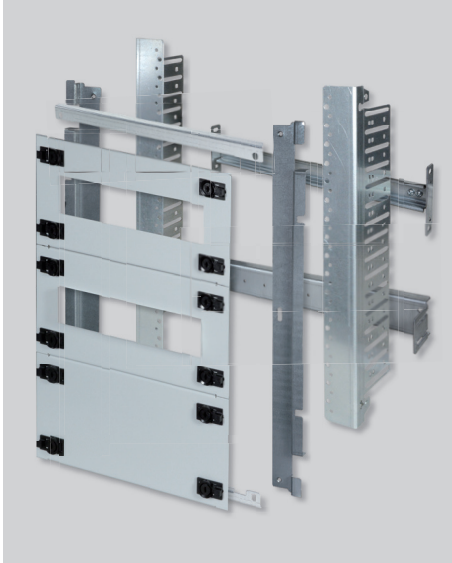
*) Modular system - accessories
 1xJ = 1 quarter turn closure
 2xJ = 2 quarter turn closures
 3BR = three-point bar closure

Indoor and outdoor use with plain door, double

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]
Depth [mm]	Width [mm]	Height [mm]						
300	1 000	1 000	NP55-1010030-2K-NX	OEZ:44136	3BR	●/276	64.00	1
		1 200	NP55-1210030-2K-NX	OEZ:44137	3BR	●/322	84.00	1

*) Modular system - accessories
 3BR = three-point bar closure

STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR AND OUTDOOR USE NP...NX



Accessories

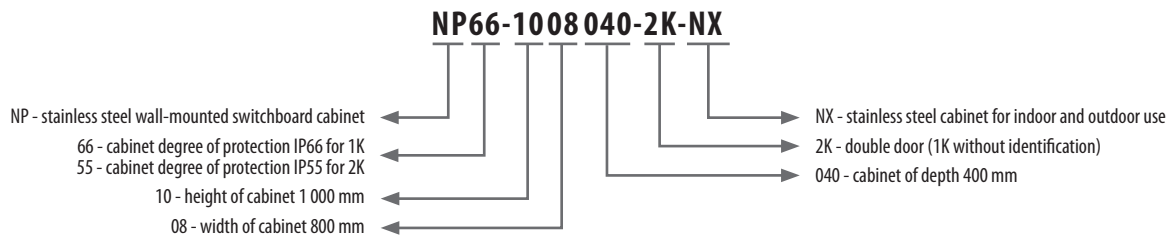
Modular system – modular rails	PD-NP-M..	page D21
Modular system – covers	PD-M-KMV.., PD-M-KMO..	page D22
Blind plate	PD-RI-ZAS-S	page B34
Blind plate	PD-R-ZAS1000-S	page C15
Modular system – outer covers	PD-NP-KMM.., PD-NP-KMK..	page D22
Modular system – “U” rails	PD-M-L35-VU..	page D23
Modular system – device rails	PD-M-50LP.., PD-M-130LP..	page D23
Mounting anchors	PD-NP-4Z08	page D23
Locks	PD-NP-UV..	page D24
Flanges	PD-NP-KD..	page D24
Cable grommets	PD-V-CG..	page D25
Spare parts	ND-..	page D26

OEZ Configurator can be used for specification of the switchboard cabinets and accessories.

Specifications

Type	NP66	NP55
Standards	IEC 62208 EN 62208	IEC 62208 EN 62208
Approval marks		
Installation	wall-mounted	wall-mounted
Degree of protection	IP66	IP55
Rated values of the used devices	max. 1 600 A, AC 230/400 V	max. 1 600 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V	AC 1 000 V, DC 1 500 V
Degree of protection against external mechanical impacts	plain door IK10	IK10
Protection class	I	I
Use	indoor/outdoor (situated under the shelter or roof)	indoor/outdoor (situated under the shelter or roof)
Cabinet material	stainless steel sheet 1.4301 with fine ground surface	stainless steel sheet 1.4301 with fine ground surface
Sealing	expanded polyurethane	expanded polyurethane
Door		
Opening	right/left	right/left
Door	single	double
Design	plain	plain
Closing design	tongue closure/three-point bar closure	tongue closure/three-point bar closure

Type designation



STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR AND OUTDOOR USE NP..NX

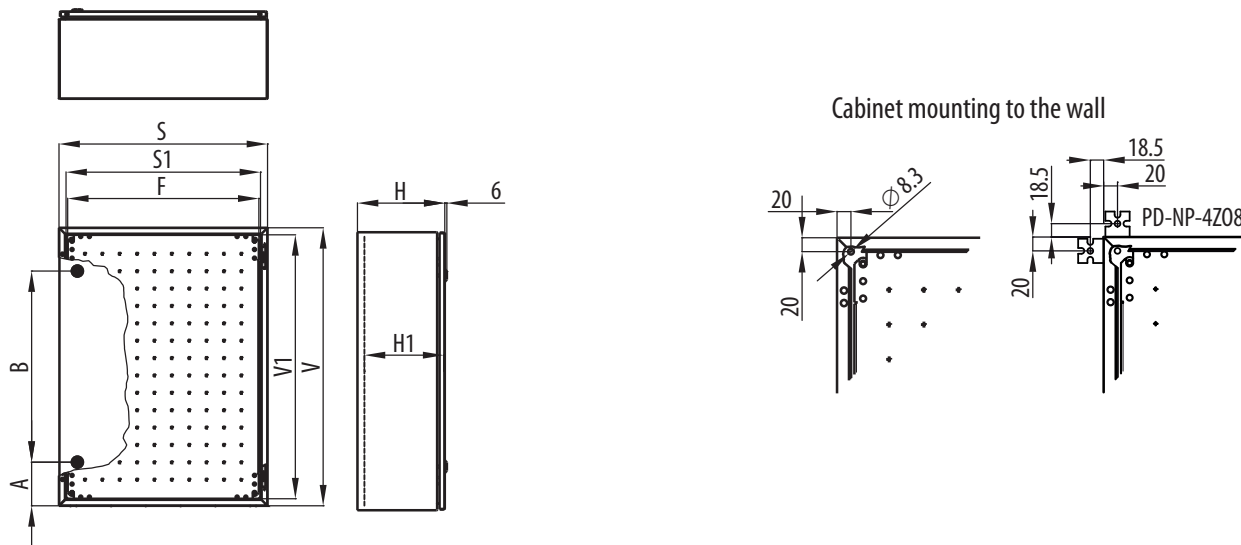
Heat dissipation and static load of cabinets

Depth [mm]	Frame dimensions		Power loss *) Stainless steel NP [W]	Static load			
	Width [mm]	Height [mm]		Door [kg]	Mounting plate [kg]	Modular system [kg]	
155	200	300	13.7	25	130	–	
	300	400	23.7	25	130	–	
	400	300	23.7	25	130	–	
210	300	300	21.4	25	130	–	
	400	400	26.8	25	130	–	
	400	400	400	33.5	25	130	–
		300	300	26.8	25	130	–
		500	500	40.1	25	130	–
	600	600	46.7	25	130	–	
	500	500	48.0	25	130	–	
600	600	64.1	25	130	–		
250	400	500	48.0	25	130	45	
	600	600	68.0	25	130	45	
		800	85.9	25	250	75	
300	500	500	55.4	25	130	45	
	700	700	71.6	25	150	60	
	600	600	600	72.8	25	130	45
		800	800	91.6	25	250	75
		1 200	1 200	163.8	25	180	105
	800	800	115.7	25	180	75	
1 000	1 000	139.7	25	180	90		
400	800	1 200	179.9	25	180	105	
300	1 000	1 000	168.6	25	300	90	
		1 200	197.4	25	300	105	

*) Measurement of warming inside the cabinet $\Delta t = 15$ K.

STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR INDOOR AND OUTDOOR USE NP...NX

Dimensions



Frame dimensions

H Depth [mm]	S Width [mm]	V Height [mm]	Stainless steel type	H1 [mm]	S1 [mm]	V1 [mm]	F [mm]	A [mm]	B [mm]
155	200	300	NP66-0302015-NX	135	159	259	150	V/2	-
	300	400	NP66-0403015-NX	135	259	359	250	V/2	-
	400	300	NP66-0304015-NX	135	359	259	350	V/2	-
210	300	300	NP66-0303021-NX	190	259	259	250	V/2	-
		400	NP66-0403021-NX	190	259	359	250	V/2	-
		300	NP66-0304021-NX	190	359	259	350	V/2	-
	400	400	NP66-0404021-NX	190	359	359	350	V/2	-
		500	NP66-0504021-NX	190	359	459	350	V/2	-
		600	NP66-0604021-NX	190	359	559	350	125	350
		500	NP66-0505021-NX	190	459	459	450	V/2	-
250	600	600	NP66-0606021-NX	190	559	559	550	125	350
		800	NP66-0806025-NX	230	559	759	550	125	550
		500	NP66-0505030-NX	280	459	459	450	V/2	-
300	600	700	NP66-0705030-NX	280	459	659	450	125	450
		600	NP66-0606030-NX	280	559	559	550	125	350
	800	800	NP66-0806030-NX	280	559	759	550	125	550
		800	NP66-0808030-NX	280	759	759	750	125	550
		1 000	NP66-1008030-NX	280	759	959	750	V/2	-
400	800	1 200	NP66-1208030-NX	280	759	1 159	750	V/2	-
		1 200	NP66-1208040-NX	380	759	1 159	750	V/2	-
300	1 000	1 000	NP55-1010030-2K-NX	280	959	959	950	V/2	-
		1 200	NP55-1210030-2K-NX	280	959	1 159	1 150	V/2	-

Mounting depth in the closing space is H1 - 31 mm.
 Mounting depth in the 2K door space is H1 - 17 mm.

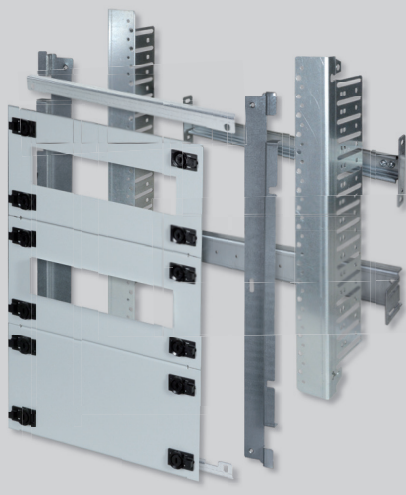
STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR OUTDOOR USE NP..V



NP66-0403015-V

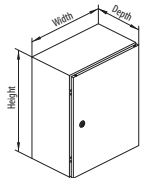


NP66-0403015-V



Basic description

- Stainless steel sheet coated with polyester powder paint.
- Right door, left door by turning over the cabinet.
- 1.5 mm steel sheet thickness of door; 2 mm for cabinets of height ≥ 800 mm.
- Tongue closing DB5, three-point closing for cabinets of height ≥ 1000 mm.
- Perforated door reinforcement for cabinets of height ≥ 500 mm.
- Perforated mounting rails on the cabinet sides for cabinets of depth ≥ 250 mm.
- Mounting plate:
 - with drilling pattern 50 x 50 mm
 - installation 16 mm from the rear
 - thickness 2; 2.5 or 3 mm
 - for cabinets of height and width ≥ 600 mm the edges are bend-reinforced
 - hot-dip galvanized.
- Plain bottom.
- Situated under the shelter or roof.
- The package contains:
 - cabinet
 - mounting plate
 - fastening material for mounting panel
 - key double bar 5 mm (double-bar, DB5).



Outdoor use with plain door, single

Frame dimensions			Type	Order code	Closing design	Modular system *) / Maximal number of modules	Weight [kg]	Package [pcs]	
Depth [mm]	Width [mm]	Height [mm]							
155	200	300	NP66-0302015-V	OEZ:44138	1xJ	–	4.50	1	
	300	400	NP66-0403015-V	OEZ:44142	1xJ	–	7.60	1	
	400	300	NP66-0304015-V	OEZ:44140	1xJ	–	7.00	1	
210	300	300	NP66-0303021-V	OEZ:44139	1xJ	–	7.00	1	
		400	NP66-0403021-V	OEZ:44143	1xJ	–	8.50	1	
	400	300	NP66-0304021-V	OEZ:44141	1xJ	–	8.50	1	
		400	NP66-0404021-V	OEZ:44144	1xJ	–	9.50	1	
		500	NP66-0504021-V	OEZ:44147	1xJ	–	12.50	1	
		600	NP66-0604021-V	OEZ:44151	2xJ	–	14.50	1	
250	600	600	NP66-0505021-V	OEZ:44149	1xJ	–	14.50	1	
		600	NP66-0606021-V	OEZ:44154	2xJ	–	21.50	1	
	500	600	NP66-0806025-V	OEZ:44160	2xJ	●/120	31.50	1	
		500	NP66-0505030-V	OEZ:44150	1xJ	●/54	17.50	1	
		700	NP66-0705030-V	OEZ:44159	2xJ	●/72	24.50	1	
	300	600	600	NP66-0606030-V	OEZ:44156	2xJ	●/72	24.00	1
			800	NP66-0806030-V	OEZ:44161	2xJ	●/120	35.00	1
800		1200	NP66-1206030-V	OEZ:44168	3BR	●/168	47.00	1	
		800	NP66-0808030-V	OEZ:44162	2xJ	●/175	42.50	1	
400	800	1000	NP66-1008040-V	OEZ:44167	3BR	●/210	56.00	1	
		1200	NP66-1208040-V	OEZ:44170	3BR	●/245	64.00	1	


*) Modular system - accessories
 1xJ = 1 quarter turn closure
 2xJ = 2 quarter turn closures
 3BR = three-point bar closure

Accessories

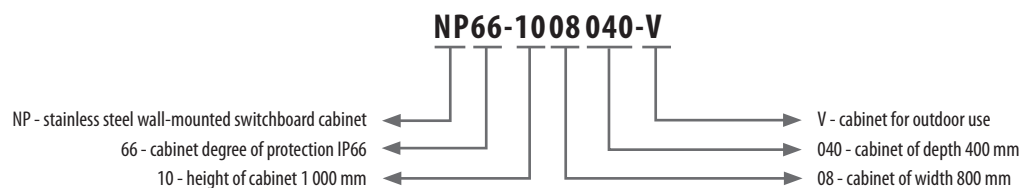
Modular system – modular rails	PD-NP-M..	page D21
Modular system - covers	PD-M-KMV.., PD-M-KMO..	page D22
Blind plate	PD-RI-ZAS-S	page B34
Blind plate	PD-R-ZAS1000-S	page C15
Modular system – outer covers	PD-NP-KMM.., PD-NP-KMK..	page D22
Modular system – “U” rails	PD-M-L35-VU..	page D23
Modular system – device rails	PD-M-50LP.., PD-M-130LP..	page D23
Mounting anchors	PD-NP-4Z08	page D23
Locks	PD-NP-UV..	page D24
Flanges	PD-NP-KD..	page D24
Cable grommets	PD-V-CG..	page D25
Spare parts	ND-..	page D26

STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR OUTDOOR USE NP...V

Specifications

Type	NP66
Standards	IEC 62208 EN 62208
Approval marks	
Installation	wall-mounted
Degree of protection	IP66
Rated values of the used devices	max. 1 600 A, AC 230/400 V
Rated insulation voltage	AC 1 000 V, DC 1 500 V
Degree of protection against external mechanical impacts	plain door IK10
Protection class	I
Use	outdoor (under the shelter or roof)
Cabinet material	
For outdoor use	stainless sheet steel coated with epoxy-polyester powder paint, gloss
Sealing	expanded polyurethane
Door	
Opening	right/left
Door	single
Design	plain
Closing design	tongue closure / three-point bar closure
Colour	grey (RAL7035)

Type designation



STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR OUTDOOR USE NP..V

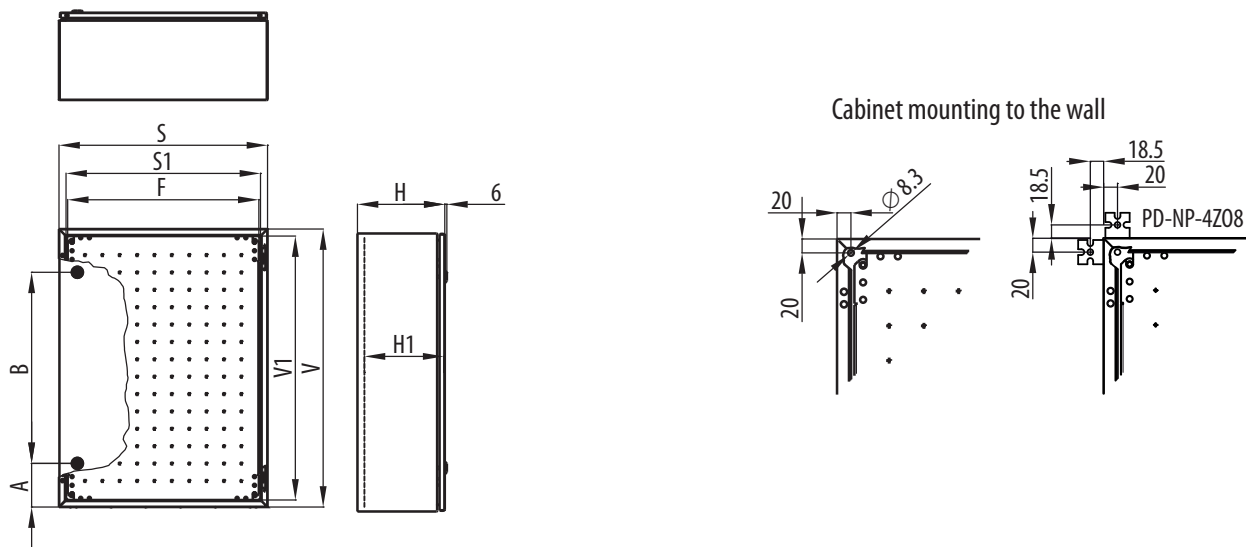
Heat dissipation and static load of cabinets

Depth [mm]	Frame dimensions		Power loss *) NP for outdoor use [W]	Door [kg]	Static load	
	Width [mm]	Height [mm]			Mounting plate [kg]	Modular system [kg]
155	200	300	14.0	25	130	–
	300	400	24.1	25	130	–
	400	300	24.1	25	130	–
210	300	300	21.8	25	130	–
		400	27.3	25	130	–
	400	400	34.1	25	130	–
		300	27.3	25	130	–
		500	40.8	25	130	–
	500	600	47.6	25	130	–
		500	48.8	25	130	–
600	600	65.4	25	130	–	
250	600	800	87.8	25	250	75
300	500	500	56.4	25	130	45
		700	73.1	25	150	60
	600	600	74.3	25	130	45
		800	93.6	25	250	75
	800	800	118.2	25	180	75
400	800	1 200	133.0	25	180	105
		1 000	157.6	25	180	90
	1 200	183.9	25	180	105	

*) Measurement of warming inside the cabinet $\Delta t = 15$ K.

STAINLESS STEEL WALL-MOUNTED SWITCHBOARD CABINETS FOR OUTDOOR USE NP...V

Dimensions



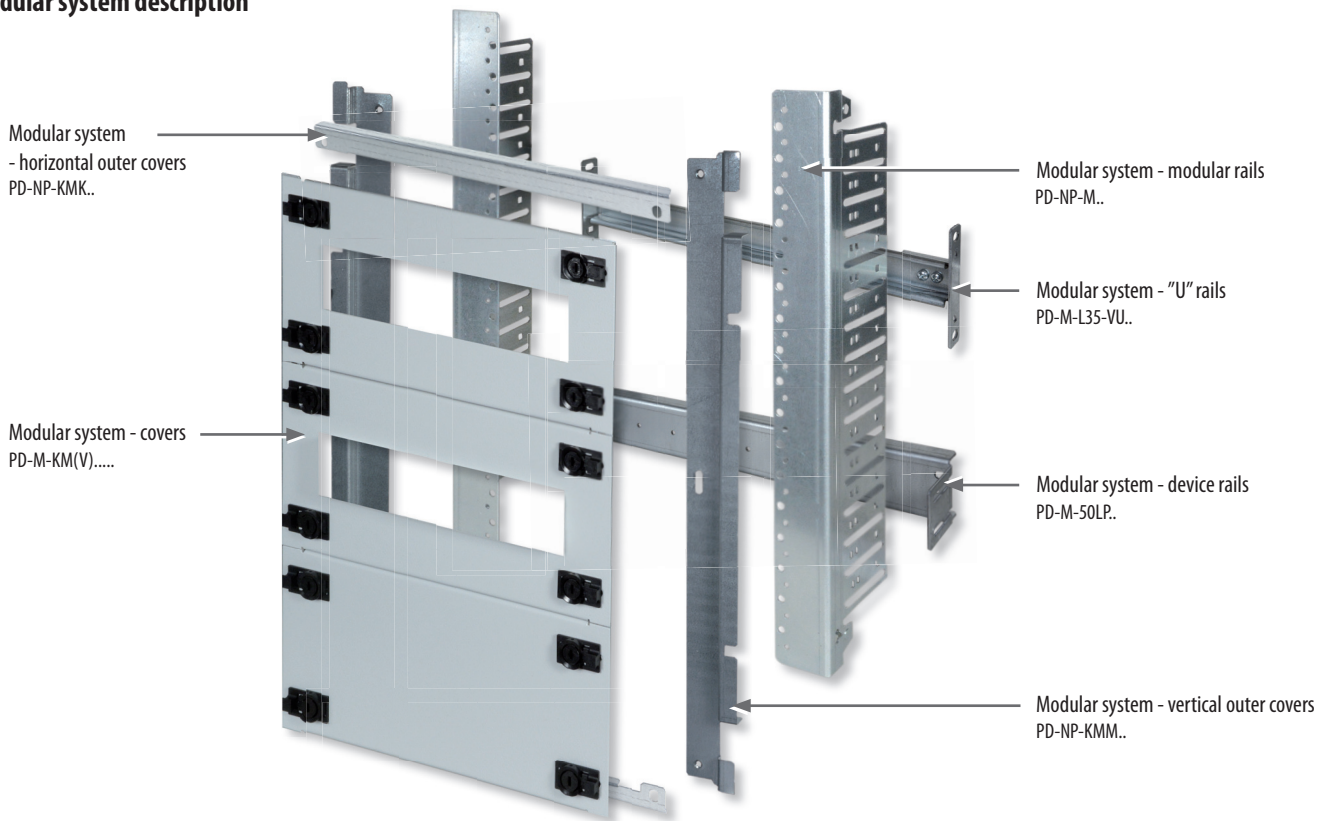
Frame dimensions

H Depth [mm]	S Width [mm]	V Height [mm]	Type outdoor	H1 [mm]	S1 [mm]	V1 [mm]	F [mm]	A [mm]	B [mm]
155	200	300	NP66-0302015-V	135	159	259	150	V/2	-
	300	400	NP66-0403015-V	135	259	359	250	V/2	-
	400	300	NP66-0304015-V	135	359	259	350	V/2	-
210	300	300	NP66-0303021-V	190	259	259	250	V/2	-
		400	NP66-0403021-V	190	259	359	250	V/2	-
		300	NP66-0304021-V	190	359	259	350	V/2	-
	400	400	NP66-0404021-V	190	359	359	350	V/2	-
		500	NP66-0504021-V	190	359	459	350	V/2	-
		600	NP66-0604021-V	190	359	559	350	125	350
250	500	500	NP66-0505021-V	190	459	459	450	V/2	-
	600	600	NP66-0606021-V	190	559	559	550	125	350
	800	800	NP66-0806025-V	230	559	759	550	125	550
300	500	500	NP66-0505030-V	280	459	459	450	V/2	-
		700	NP66-0705030-V	280	459	659	450	125	450
	600	600	NP66-0606030-V	280	559	559	550	125	350
		800	NP66-0806030-V	280	559	759	550	125	550
		1 200	NP66-1206030-V	280	559	1 159	550	V/2	-
	800	800	NP66-0808030-V	280	759	759	750	125	550
400	800	1 000	NP66-1008040-V	380	759	959	750	V/2	-
		1 200	NP66-1208040-V	380	759	1 159	750	V/2	-

Mounting depth in the closing space is H1 - 31 mm.

NP, NP..NX, NP..V ACCESSORIES

Modular system description



- Modular system is designed for the installation of modular devices with mounting depth from 40 to 120 mm.
- Devices can be installed on 35 mm "U" rails or device rails.
- Modular system ensures IP2xC degree of protection after opening the door.

OEZ Configurator can be used for specification of the switchboard cabinets and accessories.

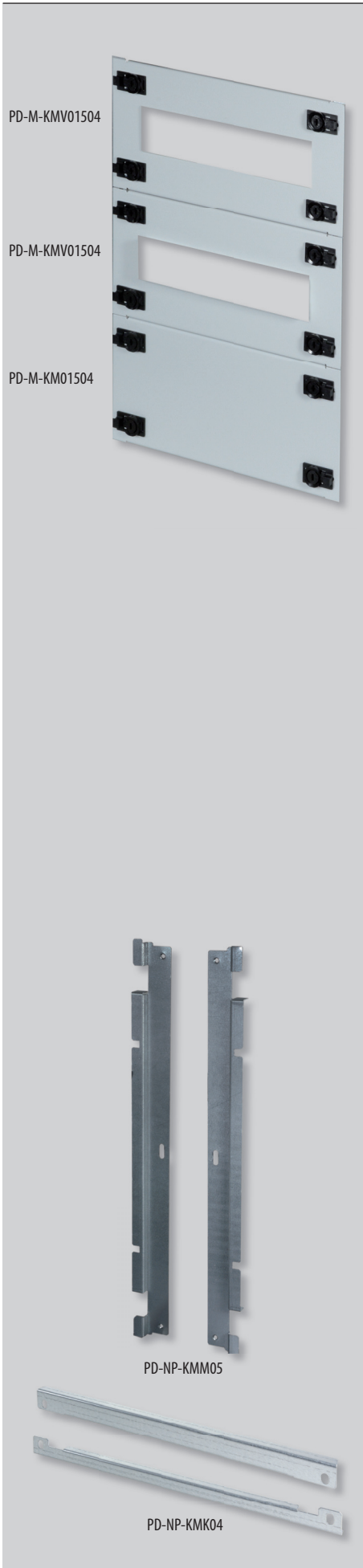


Modular system – modular rails

- Designed for cabinet of depth ≥ 250 mm.
- Installed in the cabinet corners on perforated mounting rails.
- Designed for mounting of "U" rails, device rails and front covers into the cabinets.
- By mounting of "U" rails or device rails on vertical rails a self-supporting removable frame can be created.
- Material: Hot-dip galvanized steel sheet with thickness of $1.5 \div 2$ mm.
- Package contains:
 - set of 2 modular rails
 - fastening material for installation in the cabinet.

For cabinet		Type	Order code	Weight [kg]	Package [pcs]
height [mm]	depth [mm]				
500	250, 300 and 400	PD-NP-M05	OEZ:44236	1.88	1
600		PD-NP-M06	OEZ:44237	2.28	1
700		PD-NP-M07	OEZ:44238	2.68	1
800		PD-NP-M08	OEZ:44239	3.08	1
1000		PD-NP-M10	OEZ:44240	3.86	1
1200		PD-NP-M12	OEZ:44241	4.66	1

NP, NP...NX, NP...V ACCESSORIES



Modular system – covers

- Designed for installation on modular systems.
- 1 mm thick steel sheet coated with epoxy-polyester powder paint for indoor use, RAL7035, earthing ensured by special earthing washers.
- Mounting to modular rails using quick-closing closures:
 - closing by turning by 90°
 - guarantees a good quality conductive connection of a cover and base
 - sealing option.
- Total height for covering is determined by the cabinet height lowered by 50 mm.
- 45 mm non- equipped cut-out with cover can be covered with blind plate PD-RI-ZAS-S or PD-R-ZAS1000-S.
- Package contains:
 - cover
 - quick-closing closures
 - earthing washers.

For cabinet width [mm]	Type	Order code	Cover height [mm]	Cover design	Cut-out width	Number of modules 18 mm	Weight [kg]	Package [pcs]
400	PD-M-KMV01504	OEZ:44255	150	with cut-out 45 mm	216	12	0.50	1
500	PD-M-KMV01505	OEZ:44256	150	with cut-out 45 mm	324	18	0.59	1
600	PD-M-KMV01506	OEZ:44257	150	with cut-out 45 mm	432	24	0.68	1
800	PD-M-KMV01508	OEZ:44258	150	with cut-out 45 mm	630	35	0.87	1
1 000	PD-M-KMV01510	OEZ:44259	150	with cut-out 45 mm	828	46	1.06	1
1 200	PD-M-KMV01512	OEZ:44260	150	with cut-out 45 mm	1 026	57	1.24	1
400	PD-M-KMV02004	OEZ:44261	200	with cut-out 45 mm	216	12	0.61	1
500	PD-M-KMV02005	OEZ:44262	200	with cut-out 45 mm	324	18	0.74	1
600	PD-M-KMV02006	OEZ:44263	200	with cut-out 45 mm	432	24	0.87	1
800	PD-M-KMV02008	OEZ:44264	200	with cut-out 45 mm	630	35	1.14	1
1 000	PD-M-KMV02010	OEZ:44265	200	with cut-out 45 mm	828	46	1.41	1
1 200	PD-M-KMV02012	OEZ:44266	200	with cut-out 45 mm	1 026	57	1.68	1
400	PD-M-KM01504	OEZ:44267	150	without cut-out	–	–	0.57	1
500	PD-M-KM01505	OEZ:44268	150	without cut-out	–	–	0.71	1
600	PD-M-KM01506	OEZ:44269	150	without cut-out	–	–	0.80	1
800	PD-M-KM01508	OEZ:44270	150	without cut-out	–	–	1.10	1
1 000	PD-M-KM01510	OEZ:44271	150	without cut-out	–	–	1.36	1
1 200	PD-M-KM01512	OEZ:44272	150	without cut-out	–	–	1.62	1
400	PD-M-KM02004	OEZ:44273	200	without cut-out	–	–	0.69	1
500	PD-M-KM02005	OEZ:44274	200	without cut-out	–	–	0.86	1
600	PD-M-KM02006	OEZ:44275	200	without cut-out	–	–	1.03	1
800	PD-M-KM02008	OEZ:44276	200	without cut-out	–	–	1.37	1
1 000	PD-M-KM02010	OEZ:44277	200	without cut-out	–	–	1.71	1
1 200	PD-M-KM02012	OEZ:44278	200	without cut-out	–	–	2.05	1

Modular system - outer covers

- Vertical outer covers are designed to cover the area on the left and right between the modular system and the cabinet frame.
- Horizontal outer covers are designed to cover the top and bottom area between the face covers and the cabinet frame.
- Galvanized steel sheet of 1 mm thickness.
- Vertical outer covers are mounted on modular rails.
- Horizontal outer covers are mounted on vertical outer covers.
- The package contains:
 - set of 2 covers
 - fastening material for fixing.

For cabinet width [mm]	height [mm]	Type	Order code	Cover design	Weight [kg]	Package [pcs]
-	500	PD-NP-KMM05	OEZ:44583	vertical outer covers	0.39	1
-	600	PD-NP-KMM06	OEZ:44584	vertical outer covers	0.47	1
-	700	PD-NP-KMM07	OEZ:44585	vertical outer covers	0.55	1
-	800	PD-NP-KMM08	OEZ:44586	vertical outer covers	0.63	1
-	1 000	PD-NP-KMM10	OEZ:44587	vertical outer covers	0.80	1
-	1 200	PD-NP-KMM12	OEZ:44588	vertical outer covers	0.96	1
400	-	PD-NP-KMK04	OEZ:44243	horizontal outer covers	0.32	1
500	-	PD-NP-KMK05	OEZ:44244	horizontal outer covers	0.34	1
600	-	PD-NP-KMK06	OEZ:44245	horizontal outer covers	0.37	1
800	-	PD-NP-KMK08	OEZ:44246	horizontal outer covers	0.42	1
1 000	-	PD-NP-KMK10	OEZ:44247	horizontal outer covers	0.45	1
1 200	-	PD-NP-KMK12	OEZ:44248	horizontal outer covers	0.53	1

NP, NP...NX, NP...V ACCESSORIES



PD-M-L35-VU04

Modular system - "U" rails

- Designed for the installation of modular devices.
- "U" rails according to EN 60715 of width 35 mm and height 15 mm.
- Mounted on modular rails.
- Static load 15 kg.
- The package contains:
 - 1 "U" rail
 - fastening material for mounting of "U" rail on modular rails.

For cabinet width [mm]	Type	Order code	Number of modules 18 mm	Weight [kg]	Package [pcs]
400	PD-M-L35-VU04	OEZ:44249	12	0.54	1
500	PD-M-L35-VU05	OEZ:44250	18	0.61	1
600	PD-M-L35-VU06	OEZ:44251	24	0.68	1
800	PD-M-L35-VU08	OEZ:44252	35	0.82	1
1 000	PD-M-L35-VU10	OEZ:44253	46	0.96	1
1 200	PD-M-L35-VU12	OEZ:44254	57	1.10	1

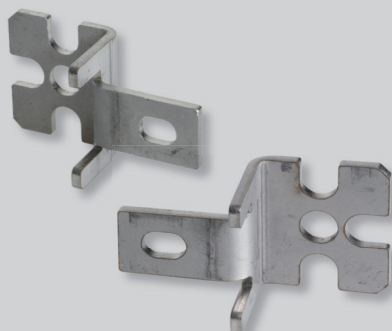


PD-M-50LP04

Modular system - device rails

- Designed for the installation of devices with a different mounting depth than modular devices, e.g. BC.. circuit breakers or fuse-switch disconnectors.
- Mounted on modular systems.
- Mounting depths 40 ÷ 120 mm.
- Static load 32 kg.
- The package contains:
 - device rail
 - fastening material for mounting on modular rails.

For cabinet width [mm]	Type	Order code	Height [mm]	Mounting width [mm]	Weight [kg]	Package [pcs]
400	PD-M-50LP04	OEZ:44279	50	216	0.63	1
500	PD-M-50LP05	OEZ:44280	50	324	0.75	1
600	PD-M-50LP06	OEZ:44281	50	432	0.87	1
800	PD-M-50LP08	OEZ:44282	50	630	1.10	1
1 000	PD-M-50LP10	OEZ:44283	50	828	1.33	1
1 200	PD-M-50LP12	OEZ:44284	50	1 026	1.57	1
400	PD-M-130LP04	OEZ:44285	130	216	1.16	1
500	PD-M-130LP05	OEZ:44286	130	324	1.40	1
600	PD-M-130LP06	OEZ:44287	130	432	1.64	1
800	PD-M-130LP08	OEZ:44288	130	630	2.13	1
1 000	PD-M-130LP10	OEZ:44289	130	828	2.61	1
1 200	PD-M-130LP12	OEZ:44290	130	1 026	3.10	1



PD-NP-4Z08

Mounting anchors

- Designed for mounting of cabinet to the wall using 4 screws.
- Stainless steel 3 mm.
- Static load of the set 100 kg.
- The package contains:
 - set of 4 anchors
 - fastening material for installation in the cabinet.

Type	Order code	Weight [kg]	Package [pcs]
PD-NP-4Z08	OEZ:44230	0.28	1

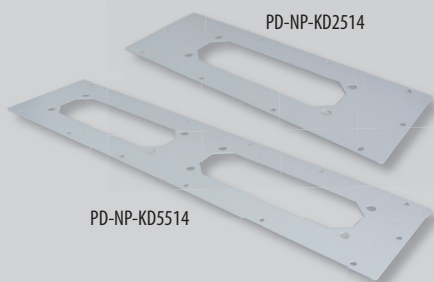
NP, NP...NX, NP...V ACCESSORIES



Locks

- For quick replacement with another lock type.
- The package contains:
 - lock insert
 - fastening material required to change the original lock.

Type	Order code	Lock design	Weight [kg]	Package [pcs]
PD-NP-UVD	OEZ:44231	insert "D" for tongue and bar closing, door 1K and 2K	0.025	1
PD-NP-UVZ	OEZ:44232	locking insert with handle for tongue and bar closing, two universal keys, door 1K and 2K, steel handle	0.200	1
PD-NP-UVZ-P	OEZ:45419	locking insert with handle for tongue and bar closing, two universal keys, door 1K and 2K, plastic handle, IP65	0.100	1
PD-NP-UVDB3	OEZ:44233	insert DB3 for tongue and bar closing, door 1K and 2K	0.026	1
PD-NP-UV66	OEZ:44234	insert internal square 6 x 6 for tongue and bar closing, door 1K and 2K	0.025	1



Flanges

- Designed to be equipped with cable grommets.
- Mounting to the cabinet over the sealing using fastening material delivered with the cabinet.
- For cabinets indoor design with a removable flange of depth 210, 250, 300 and 400 mm.
- The package contains:
 - flange.

Type	Order code	Flange design	For cabinet width [mm]	Weight [kg]	Package [pcs]
PD-NP-KD2514	OEZ:44590	250 x 140 mm, for hole 220 x 110 mm, for 1 cable grommet	300	0.35	1
PD-NP-KD3514	OEZ:44591	350 x 140 mm, for hole 320 x 110 mm, for 1 cable grommet	400	0.50	1
PD-NP-KD4514	OEZ:44592	450 x 140 mm, for hole 420 x 110 mm, for 1 cable grommet	500, 1 000 *)	0.65	1
PD-NP-KD5514	OEZ:44593	550 x 140 mm, for hole 520 x 110 mm, for 2 cable grommets	600, 800, 1 200 *)	0.64	1

*) Cabinets width 1 000 and 1 200 mm are equipped with two removable flanges. Flange can be ordered 2x for one cabinet.

NP, NP..NX, NP..V ACCESSORIES



PD-V-CG14-IP54



PD-V-CG25-IP54



PD-V-CG51-IP54



PD-V-CG10-IP55



PD-V-CG7-IP65



PD-V-CG35-IP65



PD-V-CG27-IP66



PD-V-CG37-IP66

Cable grommets

- Designed for entry of cables into the cabinet.
- Mounting on PD-NP-KD.. flange using fixing rivets.
- The resulting degree of protection of cabinets is given by the component with the lowest degree of protection, see examples 1, 2.

- The package contains:
 - cable grommet
 - set of 4 rivets.

Example 1.:

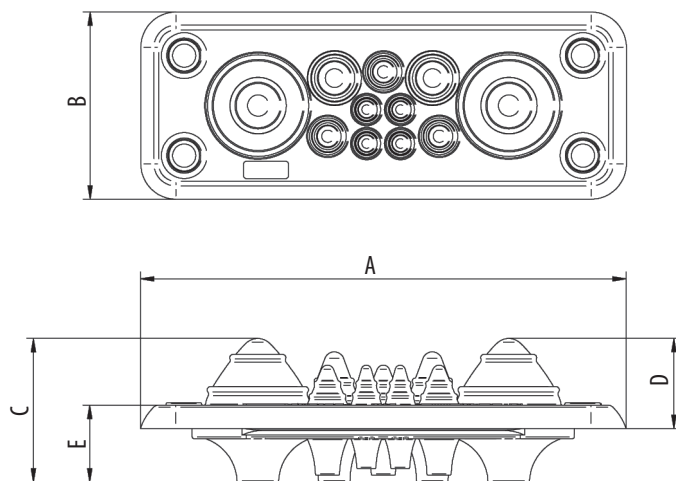
cabinet NP66 degree of protection IP66
 cable grommet PD-V-CG14-IP54 degree of protection IP54
 resulting degree of protection IP54

Example 2.:

cabinet NP55 degree of protection IP55
 cable grommet PD-V-CG27-IP66 degree of protection IP66
 resulting degree of protection IP55

Type	Order code	Cable grommets design	Weight [kg]	Package [pcs]
PD-V-CG14-IP54	0EZ:44595	IP54, for 14 cables of diameter [mm]: 5x (10 ÷ 14), 4x (14 ÷ 18), 3x (14 ÷ 22), 2x (24 ÷ 54)	0.214	1
PD-V-CG25-IP54	0EZ:44594	IP54, for 25 cables of diameter [mm]: 2x (3,5 ÷ 11), 5x (10 ÷ 14), 12x (14 ÷ 18), 5x (14 ÷ 22), 1x (14 ÷ 35)	0.216	1
PD-V-CG51-IP54	0EZ:44596	IP54, for 51 cables of diameter [mm]: 50x (7 ÷ 13), 1x (15 ÷ 25)	0.220	1
PD-V-CG10-IP55	0EZ:44597	IP55, for 10 cables of diameter [mm]: 2x (7 ÷ 12), 8x (10 ÷ 30)	0.215	1
PD-V-CG7-IP65	0EZ:44598	IP65, for 7 cables of diameter [mm]: 4x (8 ÷ 12), 2x (24 ÷ 54), 1x (30 ÷ 60)	0.214	1
PD-V-CG35-IP65	0EZ:44599	IP65, for 35 cables of diameter [mm]: 2x (6 ÷ 10), 14x (7 ÷ 12), 16x (10 ÷ 14), 2x (12 ÷ 18), 1x (17 ÷ 32)	0.235	1
PD-V-CG27-IP66	0EZ:44600	IP66, for 27 cables of diameter [mm]: 4x (5 ÷ 7), 4x (8 ÷ 12), 13x (10 ÷ 14), 4x (14 ÷ 20), 2x (20 ÷ 26)	0.224	1
PD-V-CG37-IP66	0EZ:44601	IP66, for 37 cables of diameter [mm]: 4x (6 ÷ 10), 14x (8 ÷ 12), 16x (10 ÷ 14), 2x (12 ÷ 18), 1x (17 ÷ 32)	0.248	1

Dimensions



Type	A	B	C	D	E
			[mm]		
PD-V-CG14-IP54	222	92	52	52	10
PD-V-CG25-IP54	222	92	30	30	10
PD-V-CG51-IP54	222	92	30	30	10
PD-V-CG10-IP55	216	84	48	45	12
PD-V-CG7-IP65	214	82	40	19	27
PD-V-CG35-IP65	216	84	31	17	22
PD-V-CG27-IP66	222	92	43	30	23
PD-V-CG37-IP66	222	92	43	30	23

NP, NP...NX, NP...V ACCESSORIES

Spare parts

Type	Order code	Description	Weight [kg]	Package [pcs]
PD-NP66-UDB5	OEZ:44602	tongue closing for NP66, for single door, set, DB5, with key	0.120	1
PD-NP66-URDB5	OEZ:44603	bar closing for NP66, NP55, set, DB5, with key, without lever	0.150	1
ND-NP-PD	OEZ:44604	hinge for NP66, NP55, set, 1 pc	0.030	1
ND-NP-PDSV	OEZ:44605	hinge screw bolt including locking washers for NP66, NP55, 1 pc	0.008	1
ND-NP-SM	OEZ:44606	mounting set for NP66, NP55	0.190	1
ND-NP-TPD4	OEZ:44607	plugs instead of hinges for NP66, NP55, 4 pcs	0.004	1
ND-NP-KD14SCR	OEZ:44608	self drilling screws 4.3x9, PH2, for flange NP66, NP55, flat top, 14 pcs	0.025	1
ND-NP-KD1509	OEZ:44609	flange for NP66, NP66-xx-WG, 150 x 90 mm, painted steel sheet, sealing, without screws	0.200	1
ND-NP-KD2509	OEZ:44610	flange for NP66, NP66-xx-WG, 250 x 90 mm, painted steel sheet, sealing, without screws	0.300	1
ND-NP-KD2514	OEZ:44611	flange for NP66, NP66-xx-WG, 250 x 140 mm, painted steel sheet, sealing, without screws	0.440	1
ND-NP-KD3514	OEZ:44612	flange for NP66, NP66-xx-WG, 350 x 140 mm, painted steel sheet, sealing, without screws	0.610	1
ND-NP-KD4514	OEZ:44613	flange for NP66, NP55, NP66-xx-WG, NP55-xx-WG, 450x140 mm, painted steel sheet, sealing, without screws	0.800	1
ND-NP-KD5514	OEZ:44614	flange for NP66, NP55, NP66-xx-WG, NP55-xx-WG, 550x140 mm, painted steel sheet, sealing, without screws	1.000	1

NOTES

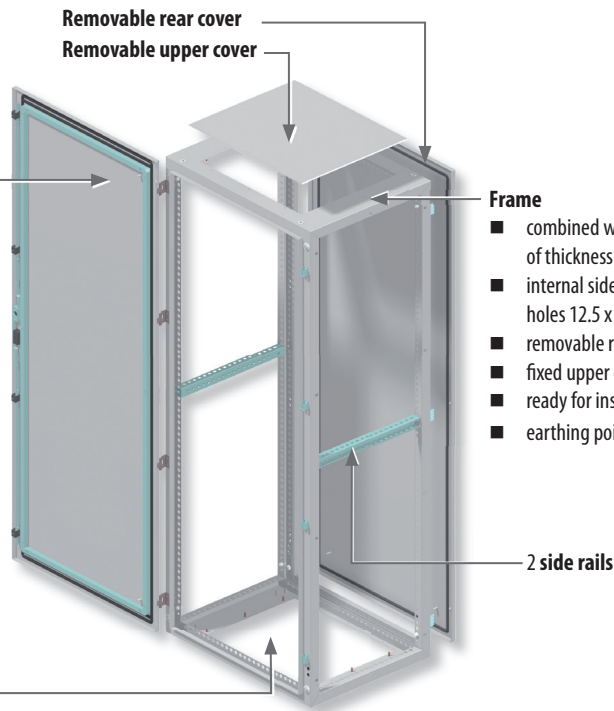
A large grid of small black dots arranged in a regular pattern, intended for taking notes. The grid covers most of the page area below the 'NOTES' header.

DESCRIPTION OF SWICHBOARD CABINETS QA

Cabinet design description

Door

- 1.5 mm thick steel sheet
- sealing from expanded polyurethane for IP55 degree of protection
- screwed perforated reinforcement frame bracing in corners substantially increases door sturdiness
- swivel door handle with double-bar 5mm insert
- left, easily modifiable to right
- earthing points for connection of protective conductor
- single up to width 800 mm
- double door for widths 1 000 and 1 200 mm
- the opening door angle of separately standing cabinets 180°, for cabinets standing in row max. 150°
- outdoor hinges



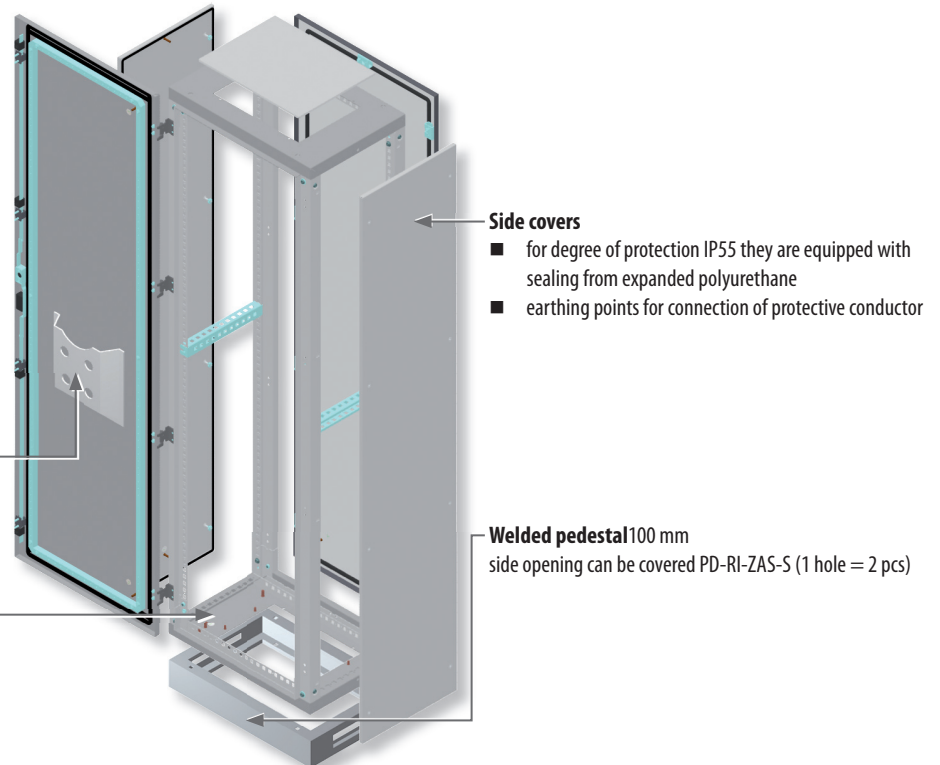
Frame

- combined welded/screwed from bent steel sheet of thickness 2 mm
- internal sides perforated by 25 mm, holes 12.5 x 12.5 mm
- removable rear cover
- fixed upper cover with removable flange
- ready for installation of lifting lugs
- earthing points for connection of protective conductor

Accessories for cabinet completion

Data pocket

Bottom with opening can be covered by sliding covers or one-piece bottom cover
 - to reach IP55, it is necessary to use the one-piece bottom cover

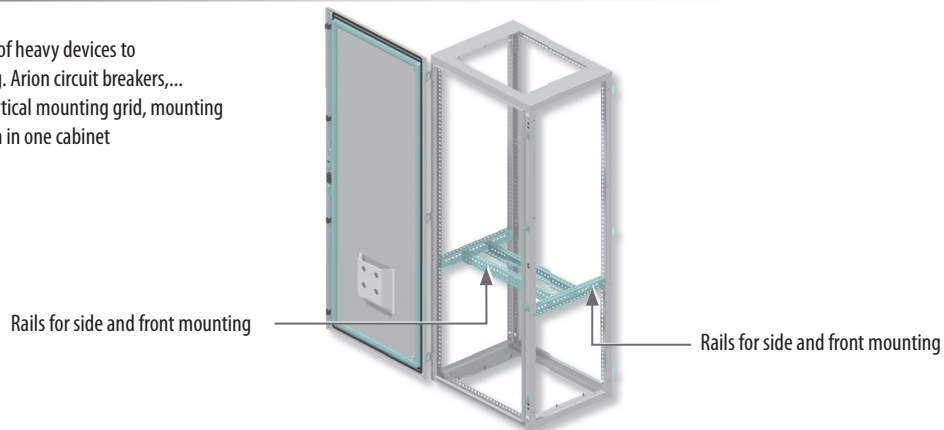


DESCRIPTION OF SWITCHBOARD CABINETS QA

Accessories for fitting of devices

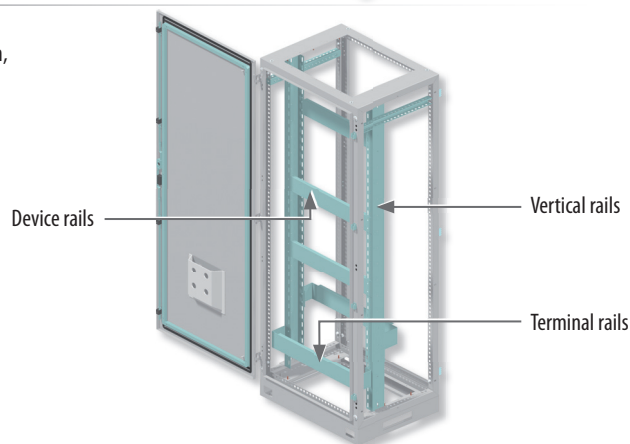
Horizontal mounting grid

- for mechanical fastening of heavy devices to the horizontal surface, e.g. Arion circuit breakers,...
- can be combined with vertical mounting grid, mounting plate and modular system in one cabinet



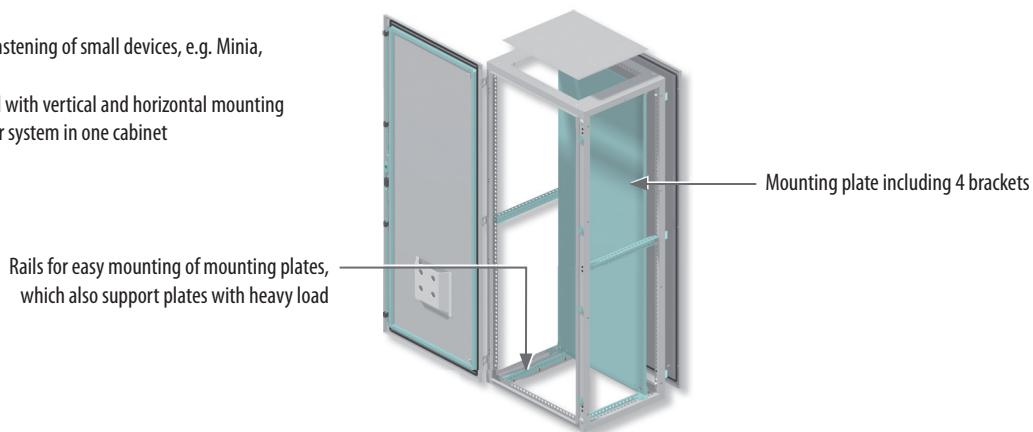
Vertical mounting grid

- for mechanical fastening of devices, e.g. Modeion, Varius, Conteo,...
- can be combined with horizontal mounting grid, mounting plate and modular system in one cabinet



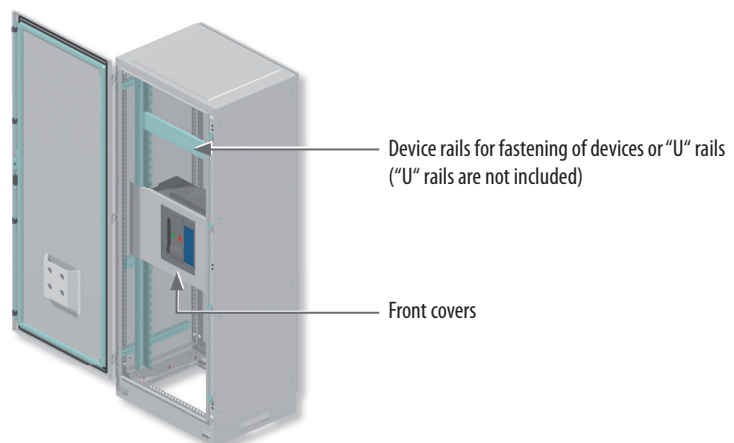
Mounting plate

- for mechanical fastening of small devices, e.g. Minia, Conteo,...
- can be combined with vertical and horizontal mounting grid and modular system in one cabinet



Modular system

- for mechanical fastening of devices, e.g. Minia, Varius, Modeion with option to front cover the whole cabling with front covers
- can be used for covering of cabinets in combination with horizontal and vertical rails as well as with mounting plates

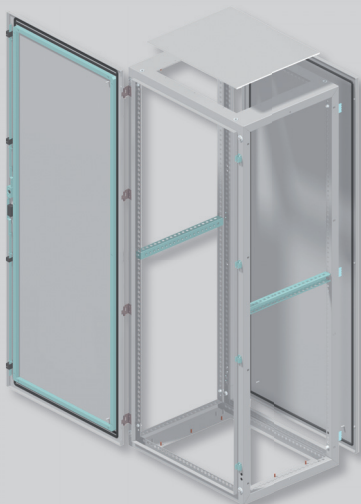


OEZ Configurator can be used for specification of the switchboard cabinets and accessories.

SELECTION TABLE OF SWITCHBOARD CABINETS QA

Frame dimensions			Cabinet IP40		Side covers IP40		Cabinet IP55		Side covers IP55		Pedestals		Mounting plates	
depth [mm]	width [mm]	height [mm]	Type	Order code	Type	Order code	Type	Order code	Type	Order code	Type	Order code	Type	Order code
300	600	1 800	QA40-180603	OEZ:35462	PD-Q12-KB1803	OEZ:35589	QA55-180603	OEZ:35393	PD-Q11-KB1803	OEZ:35571	PD-Q13-PK010603	OEZ:35607	PD-Q03-MP1706	OEZ:17499
		2 000	QA40-200603	OEZ:35485	PD-Q12-KB2003	OEZ:35595	QA55-200603	OEZ:35416	PD-Q11-KB2003	OEZ:35577	PD-Q13-PK010603	OEZ:35607	PD-Q03-MP1906	OEZ:17603
		2 200	QA40-220603	OEZ:35508	PD-Q12-KB2203	OEZ:35601	QA55-220603	OEZ:35439	PD-Q11-KB2203	OEZ:35583	PD-Q13-PK010603	OEZ:35607	PD-Q03-MP2106	OEZ:17607
	800	1 800	QA40-180803	OEZ:35468	PD-Q12-KB1803	OEZ:35589	QA55-180803	OEZ:35399	PD-Q11-KB1803	OEZ:35571	PD-Q13-PK010803	OEZ:35613	PD-Q03-MP1708	OEZ:17500
		2 000	QA40-200803	OEZ:35491	PD-Q12-KB2003	OEZ:35595	QA55-200803	OEZ:35422	PD-Q11-KB2003	OEZ:35577	PD-Q13-PK010803	OEZ:35613	PD-Q03-MP1908	OEZ:17604
		2 200	QA40-220803	OEZ:35514	PD-Q12-KB2203	OEZ:35601	QA55-220803	OEZ:35445	PD-Q11-KB2203	OEZ:35583	PD-Q13-PK010803	OEZ:35613	PD-Q03-MP2108	OEZ:17608
	1 000	1 800	QA40-181003	OEZ:35474	PD-Q12-KB1803	OEZ:35589	QA55-181003	OEZ:35405	PD-Q11-KB1803	OEZ:35571	PD-Q13-PK011003	OEZ:35619	PD-Q03-MP1710	OEZ:17601
		2 000	QA40-201003	OEZ:35497	PD-Q12-KB2003	OEZ:35595	QA55-201003	OEZ:35428	PD-Q11-KB2003	OEZ:35577	PD-Q13-PK011003	OEZ:35619	PD-Q03-MP1910	OEZ:17605
		2 200	QA40-221003	OEZ:35520	PD-Q12-KB2203	OEZ:35601	QA55-221003	OEZ:35451	PD-Q11-KB2203	OEZ:35583	PD-Q13-PK011003	OEZ:35619	PD-Q03-MP2110	OEZ:17609
	1 200	1 800	QA40-181203	OEZ:35480	PD-Q12-KB1803	OEZ:35589	QA55-181203	OEZ:35411	PD-Q11-KB1803	OEZ:35571	PD-Q13-PK011203	OEZ:35625	PD-Q03-MP1712	OEZ:17602
		2 000	QA40-201203	OEZ:35503	PD-Q12-KB2003	OEZ:35595	QA55-201203	OEZ:35434	PD-Q11-KB2003	OEZ:35577	PD-Q13-PK011203	OEZ:35625	PD-Q03-MP1912	OEZ:17606
		2 200	QA40-221203	OEZ:35526	PD-Q12-KB2203	OEZ:35601	QA55-221203	OEZ:35457	PD-Q11-KB2203	OEZ:35583	PD-Q13-PK011203	OEZ:35625	PD-Q03-MP2112	OEZ:21132
400	600	1 800	QA40-180604	OEZ:35463	PD-Q12-KB1804	OEZ:35590	QA55-180604	OEZ:35394	PD-Q11-KB1804	OEZ:35572	PD-Q13-PK010604	OEZ:35608	PD-Q03-MP1706	OEZ:17499
		2 000	QA40-200604	OEZ:35486	PD-Q12-KB2004	OEZ:35596	QA55-200604	OEZ:35417	PD-Q11-KB2004	OEZ:35578	PD-Q13-PK010604	OEZ:35608	PD-Q03-MP1906	OEZ:17603
		2 200	QA40-220604	OEZ:35509	PD-Q12-KB2204	OEZ:35602	QA55-220604	OEZ:35440	PD-Q11-KB2204	OEZ:35584	PD-Q13-PK010604	OEZ:35608	PD-Q03-MP2106	OEZ:17607
	800	1 800	QA40-180804	OEZ:35469	PD-Q12-KB1804	OEZ:35590	QA55-180804	OEZ:35400	PD-Q11-KB1804	OEZ:35572	PD-Q13-PK010804	OEZ:35614	PD-Q03-MP1708	OEZ:17500
		2 000	QA40-200804	OEZ:35492	PD-Q12-KB2004	OEZ:35596	QA55-200804	OEZ:35423	PD-Q11-KB2004	OEZ:35578	PD-Q13-PK010804	OEZ:35614	PD-Q03-MP1908	OEZ:17604
		2 200	QA40-220804	OEZ:35515	PD-Q12-KB2204	OEZ:35602	QA55-220804	OEZ:35446	PD-Q11-KB2204	OEZ:35584	PD-Q13-PK010804	OEZ:35614	PD-Q03-MP2108	OEZ:17608
	1 000	1 800	QA40-181004	OEZ:35475	PD-Q12-KB1804	OEZ:35590	QA55-181004	OEZ:35406	PD-Q11-KB1804	OEZ:35572	PD-Q13-PK011004	OEZ:35620	PD-Q03-MP1710	OEZ:17601
		2 000	QA40-201004	OEZ:35498	PD-Q12-KB2004	OEZ:35596	QA55-201004	OEZ:35429	PD-Q11-KB2004	OEZ:35578	PD-Q13-PK011004	OEZ:35620	PD-Q03-MP1910	OEZ:17605
		2 200	QA40-221004	OEZ:35521	PD-Q12-KB2204	OEZ:35602	QA55-221004	OEZ:35452	PD-Q11-KB2204	OEZ:35584	PD-Q13-PK011004	OEZ:35620	PD-Q03-MP2110	OEZ:17609
	1 200	1 800	QA40-181204	OEZ:35481	PD-Q12-KB1804	OEZ:35590	QA55-181204	OEZ:35412	PD-Q11-KB1804	OEZ:35572	PD-Q13-PK011204	OEZ:35626	PD-Q03-MP1712	OEZ:17602
		2 000	QA40-201204	OEZ:35504	PD-Q12-KB2004	OEZ:35596	QA55-201204	OEZ:35435	PD-Q11-KB2004	OEZ:35578	PD-Q13-PK011204	OEZ:35626	PD-Q03-MP1912	OEZ:17606
		2 200	QA40-221204	OEZ:35527	PD-Q12-KB2204	OEZ:35602	QA55-221204	OEZ:35458	PD-Q11-KB2204	OEZ:35584	PD-Q13-PK011204	OEZ:35626	PD-Q03-MP2112	OEZ:21132
500	600	1 800	QA40-180605	OEZ:35464	PD-Q12-KB1805	OEZ:35591	QA55-180605	OEZ:35395	PD-Q11-KB1805	OEZ:35573	PD-Q13-PK010605	OEZ:35609	PD-Q03-MP1706	OEZ:17499
		2 000	QA40-200605	OEZ:35487	PD-Q12-KB2005	OEZ:35597	QA55-200605	OEZ:35418	PD-Q11-KB2005	OEZ:35579	PD-Q13-PK010605	OEZ:35609	PD-Q03-MP1906	OEZ:17603
		2 200	QA40-220605	OEZ:35510	PD-Q12-KB2205	OEZ:35603	QA55-220605	OEZ:35441	PD-Q11-KB2205	OEZ:35585	PD-Q13-PK010605	OEZ:35609	PD-Q03-MP2106	OEZ:17607
	800	1 800	QA40-180805	OEZ:35470	PD-Q12-KB1805	OEZ:35591	QA55-180805	OEZ:35401	PD-Q11-KB1805	OEZ:35573	PD-Q13-PK010805	OEZ:35615	PD-Q03-MP1708	OEZ:17500
		2 000	QA40-200805	OEZ:35493	PD-Q12-KB2005	OEZ:35597	QA55-200805	OEZ:35424	PD-Q11-KB2005	OEZ:35579	PD-Q13-PK010805	OEZ:35615	PD-Q03-MP1908	OEZ:17604
		2 200	QA40-220805	OEZ:35516	PD-Q12-KB2205	OEZ:35603	QA55-220805	OEZ:35447	PD-Q11-KB2205	OEZ:35585	PD-Q13-PK010805	OEZ:35615	PD-Q03-MP2108	OEZ:17608
	1 000	1 800	QA40-181005	OEZ:35476	PD-Q12-KB1805	OEZ:35591	QA55-181005	OEZ:35407	PD-Q11-KB1805	OEZ:35573	PD-Q13-PK011005	OEZ:35621	PD-Q03-MP1710	OEZ:17601
		2 000	QA40-201005	OEZ:35499	PD-Q12-KB2005	OEZ:35597	QA55-201005	OEZ:35430	PD-Q11-KB2005	OEZ:35579	PD-Q13-PK011005	OEZ:35621	PD-Q03-MP1910	OEZ:17605
		2 200	QA40-221005	OEZ:35522	PD-Q12-KB2205	OEZ:35603	QA55-221005	OEZ:35453	PD-Q11-KB2205	OEZ:35585	PD-Q13-PK011005	OEZ:35621	PD-Q03-MP2110	OEZ:17609
	1 200	1 800	QA40-181205	OEZ:35482	PD-Q12-KB1805	OEZ:35591	QA55-181205	OEZ:35413	PD-Q11-KB1805	OEZ:35573	PD-Q13-PK011205	OEZ:35627	PD-Q03-MP1712	OEZ:17602
		2 000	QA40-201205	OEZ:35505	PD-Q12-KB2005	OEZ:35597	QA55-201205	OEZ:35436	PD-Q11-KB2005	OEZ:35579	PD-Q13-PK011205	OEZ:35627	PD-Q03-MP1912	OEZ:17606
		2 200	QA40-221205	OEZ:35528	PD-Q12-KB2205	OEZ:35603	QA55-221205	OEZ:35459	PD-Q11-KB2205	OEZ:35585	PD-Q13-PK011205	OEZ:35627	PD-Q03-MP2112	OEZ:21132
600	600	1 800	QA40-180606	OEZ:35465	PD-Q12-KB1806	OEZ:35592	QA55-180606	OEZ:35396	PD-Q11-KB1806	OEZ:35574	PD-Q13-PK010606	OEZ:35610	PD-Q03-MP1706	OEZ:17499
		2 000	QA40-200606	OEZ:35488	PD-Q12-KB2006	OEZ:35598	QA55-200606	OEZ:35419	PD-Q11-KB2006	OEZ:35580	PD-Q13-PK010606	OEZ:35610	PD-Q03-MP1906	OEZ:17603
		2 200	QA40-220606	OEZ:35511	PD-Q12-KB2206	OEZ:35604	QA55-220606	OEZ:35442	PD-Q11-KB2206	OEZ:35586	PD-Q13-PK010606	OEZ:35610	PD-Q03-MP2106	OEZ:17607
	800	1 800	QA40-180806	OEZ:35471	PD-Q12-KB1806	OEZ:35592	QA55-180806	OEZ:35402	PD-Q11-KB1806	OEZ:35574	PD-Q13-PK010806	OEZ:35616	PD-Q03-MP1708	OEZ:17500
		2 000	QA40-200806	OEZ:35494	PD-Q12-KB2006	OEZ:35598	QA55-200806	OEZ:35425	PD-Q11-KB2006	OEZ:35580	PD-Q13-PK010806	OEZ:35616	PD-Q03-MP1908	OEZ:17604
		2 200	QA40-220806	OEZ:35517	PD-Q12-KB2206	OEZ:35604	QA55-220806	OEZ:35448	PD-Q11-KB2206	OEZ:35586	PD-Q13-PK010806	OEZ:35616	PD-Q03-MP2108	OEZ:17608
	1 000	1 800	QA40-181006	OEZ:35477	PD-Q12-KB1806	OEZ:35592	QA55-181006	OEZ:35408	PD-Q11-KB1806	OEZ:35574	PD-Q13-PK011006	OEZ:35622	PD-Q03-MP1710	OEZ:17601
		2 000	QA40-201006	OEZ:35500	PD-Q12-KB2006	OEZ:35598	QA55-201006	OEZ:35431	PD-Q11-KB2006	OEZ:35580	PD-Q13-PK011006	OEZ:35622	PD-Q03-MP1910	OEZ:17605
		2 200	QA40-221006	OEZ:35523	PD-Q12-KB2206	OEZ:35604	QA55-221006	OEZ:35454	PD-Q11-KB2206	OEZ:35586	PD-Q13-PK011006	OEZ:35622	PD-Q03-MP2110	OEZ:17609
	1 200	1 800	QA40-181206	OEZ:35483	PD-Q12-KB1806	OEZ:35592	QA55-181206	OEZ:35414	PD-Q11-KB1806	OEZ:35574	PD-Q13-PK011206	OEZ:35628	PD-Q03-MP1712	OEZ:17602
		2 000	QA40-201206	OEZ:35506	PD-Q12-KB2006	OEZ:35598	QA55-201206	OEZ:35437	PD-Q11-KB2006	OEZ:35580	PD-Q13-PK011206	OEZ:35628	PD-Q03-MP1912	OEZ:17606
		2 200	QA40-221206	OEZ:35529	PD-Q12-KB2206	OEZ:35604	QA55-221206	OEZ:35460	PD-Q11-KB2206	OEZ:35586	PD-Q13-PK011206	OEZ:35628	PD-Q03-MP2112	OEZ:21132
800	600	1 800	QA40-180608	OEZ:35466	PD-Q12-KB1808	OEZ:35593	QA55-180608	OEZ:35397	PD-Q11-KB1808	OEZ:35575	PD-Q13-PK010608	OEZ:35611	PD-Q03-MP1706	OEZ:17499
		2 000	QA40-200608	OEZ:35489	PD-Q12-KB2008	OEZ:35599	QA55-200608	OEZ:35420	PD-Q11-KB2008	OEZ:35581	PD-Q13-PK010608	OEZ:35611	PD-Q03-MP1906	OEZ:17603
		2 200	QA40-220608	OEZ:35512	PD-Q12-KB2208	OEZ:35605	QA55-220608	OEZ:35443	PD-Q11-KB2208	OEZ:35587	PD-Q13-PK010608	OEZ:35611	PD-Q03-MP2106	OEZ:17607
	800	1 800	QA40-180808	OEZ:35472	PD-Q12-KB1808	OEZ:35593	QA55-180808	OEZ:35403	PD-Q11-KB1808	OEZ:35575	PD-Q13-PK010808	OEZ:35617	PD-Q03-MP1708	OEZ:17500
		2 000	QA40-200808	OEZ:35495	PD-Q12-KB2008	OEZ:35599	QA55-200808	OEZ:35426	PD-Q11-KB2008	OEZ:35581	PD-Q13-PK010808	OEZ:35617	PD-Q03-MP1908	OEZ:17604
		2 200	QA40-220808	OEZ:35518	PD-Q12-KB2208	OEZ:35605	QA55-220808	OEZ:35449	PD-Q11-KB2208	OEZ:35587	PD-Q13-PK010808	OEZ:35617	PD-Q03-MP2108	OEZ:17608
	1 000	1 800	QA40-181008	OEZ:35478	PD-Q12-KB1808	OEZ:35593	QA55-181008	OEZ:35409	PD-Q11-KB1808	OEZ:35575	PD-Q13-PK011008	OEZ:35623	PD-Q03-MP1710	OEZ:17601
		2 000	QA40-201008	OEZ:35501	PD-Q12-KB2008	OEZ:35599	QA55-201008	OEZ:35432	PD-Q11-KB2008	OEZ:35581	PD-Q13-PK011008	OEZ:35623	PD-Q03-MP1910	OEZ:17605
		2 200	QA40-221008	OEZ:35524	PD-Q12-KB2208	OEZ:35605	QA55-221008	OEZ:35455	PD-Q11-KB2208	OEZ:35587	PD-Q13-PK011008	OEZ:35623	PD-Q03-MP2110	OEZ:17609
	1 200	1 800	QA40-181208	OEZ:35484	PD-Q12-KB1808	OEZ:35593	QA55-181208	OEZ:35415	PD-Q11-KB1808	OEZ:35575	PD-Q13-PK011208	OEZ:35629	PD-Q03-MP1712	OEZ:17602
		2 000	QA40-201208											

SIDE-BY-SIDE CABINETS QA



QA55-200808

Basic description

- For static load up to 600 kg.
- Sturdy construction.
- For circuits with rated current up to 6 300 A.
- Degree of protection IP40 and IP55.
- To reach IP55 degree of protection, it is necessary to use the one-piece bottom cover (accessories).
- Thermoreactive epoxy-polyester powder coating RAL 7035.
- For widths of 1 000 and 1 200 mm of double door.
- Flexible configuration of the cabinet interior for a choice of mounting plate or rack-mounting systems, allowing assemblies from various types of rails.

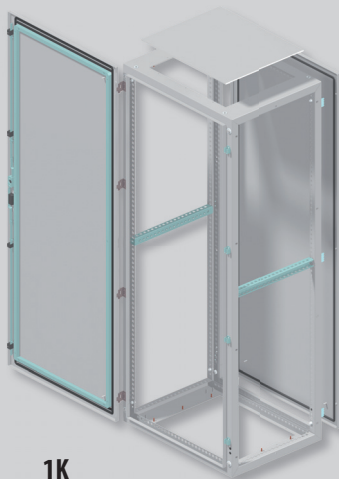
Selection table

Frame dimensions [mm]			Cabinet IP40		Cabinet IP55		Weight [kg]
depth	width	height	Type	Order code	Type	Order code	
300	600	1 800	QA40-180603	OEZ:35462	QA55-180603	OEZ:35393	66
		2 000	QA40-200603	OEZ:35485	QA55-200603	OEZ:35416	71
		2 200	QA40-220603	OEZ:35508	QA55-220603	OEZ:35439	77
	800	1 800	QA40-180803	OEZ:35468	QA55-180803	OEZ:35399	80
		2 000	QA40-200803	OEZ:35491	QA55-200803	OEZ:35422	85
		2 200	QA40-220803	OEZ:35514	QA55-220803	OEZ:35445	91
	1 000	1 800	QA40-181003	OEZ:35474	QA55-181003	OEZ:35405	94
		2 000	QA40-201003	OEZ:35497	QA55-201003	OEZ:35428	100
		2 200	QA40-221003	OEZ:35520	QA55-221003	OEZ:35451	105
1 200	1 800	QA40-181203	OEZ:35480	QA55-181203	OEZ:35411	108	
	2 000	QA40-201203	OEZ:35503	QA55-201203	OEZ:35434	114	
	2 200	QA40-221203	OEZ:35526	QA55-221203	OEZ:35457	119	
400	600	1 800	QA40-180604	OEZ:35463	QA55-180604	OEZ:35394	68
		2 000	QA40-200604	OEZ:35486	QA55-200604	OEZ:35417	74
		2 200	QA40-220604	OEZ:35509	QA55-220604	OEZ:35440	79
	800	1 800	QA40-180804	OEZ:35469	QA55-180804	OEZ:35400	87
		2 000	QA40-200804	OEZ:35492	QA55-200804	OEZ:35423	89
		2 200	QA40-220804	OEZ:35515	QA55-220804	OEZ:35446	94
	1 000	1 800	QA40-181004	OEZ:35475	QA55-181004	OEZ:35406	98
		2 000	QA40-201004	OEZ:35498	QA55-201004	OEZ:35429	103
		2 200	QA40-221004	OEZ:35521	QA55-221004	OEZ:35452	109
1 200	1 800	QA40-181204	OEZ:35481	QA55-181204	OEZ:35412	112	
	2 000	QA40-201204	OEZ:35504	QA55-201204	OEZ:35435	118	
	2 200	QA40-221204	OEZ:35527	QA55-221204	OEZ:35458	124	
500	600	1 800	QA40-180605	OEZ:35464	QA55-180605	OEZ:35395	70
		2 000	QA40-200605	OEZ:35487	QA55-200605	OEZ:35418	76
		2 200	QA40-220605	OEZ:35510	QA55-220605	OEZ:35441	81
	800	1 800	QA40-180805	OEZ:35470	QA55-180805	OEZ:35401	90
		2 000	QA40-200805	OEZ:35493	QA55-200805	OEZ:35424	92
		2 200	QA40-220805	OEZ:35516	QA55-220805	OEZ:35447	98
	1 000	1 800	QA40-181005	OEZ:35476	QA55-181005	OEZ:35407	102
		2 000	QA40-201005	OEZ:35499	QA55-201005	OEZ:35430	107
		2 200	QA40-221005	OEZ:35522	QA55-221005	OEZ:35453	113
1 200	1 800	QA40-181205	OEZ:35482	QA55-181205	OEZ:35413	117	
	2 000	QA40-201205	OEZ:35505	QA55-201205	OEZ:35436	122	
	2 200	QA40-221205	OEZ:35528	QA55-221205	OEZ:35459	128	
600	600	1 800	QA40-180606	OEZ:35465	QA55-180606	OEZ:35396	73
		2 000	QA40-200606	OEZ:35488	QA55-200606	OEZ:35419	78
		2 200	QA40-220606	OEZ:35511	QA55-220606	OEZ:35442	84
	800	1 800	QA40-180806	OEZ:35471	QA55-180806	OEZ:35402	93
		2 000	QA40-200806	OEZ:35494	QA55-200806	OEZ:35425	96
		2 200	QA40-220806	OEZ:35517	QA55-220806	OEZ:35448	101
	1 000	1 800	QA40-181006	OEZ:35477	QA55-181006	OEZ:35408	105
		2 000	QA40-201006	OEZ:35500	QA55-201006	OEZ:35431	111
		2 200	QA40-221006	OEZ:35523	QA55-221006	OEZ:35454	116
1 200	1 800	QA40-181206	OEZ:35483	QA55-181206	OEZ:35414	121	
	2 000	QA40-201206	OEZ:35506	QA55-201206	OEZ:35437	126	
	2 200	QA40-221206	OEZ:35529	QA55-221206	OEZ:35460	132	
800	600	1 800	QA40-180608	OEZ:35466	QA55-180608	OEZ:35397	77
		2 000	QA40-200608	OEZ:35489	QA55-200608	OEZ:35420	83
		2 200	QA40-220608	OEZ:35512	QA55-220608	OEZ:35443	88
	800	1 800	QA40-180808	OEZ:35472	QA55-180808	OEZ:35403	100
		2 000	QA40-200808	OEZ:35495	QA55-200808	OEZ:35426	102
		2 200	QA40-220808	OEZ:35518	QA55-220808	OEZ:35449	108
	1 000	1 800	QA40-181008	OEZ:35478	QA55-181008	OEZ:35409	112
		2 000	QA40-201008	OEZ:35501	QA55-201008	OEZ:35432	118
		2 200	QA40-221008	OEZ:35524	QA55-221008	OEZ:35455	124
1 200	1 800	QA40-181208	OEZ:35484	QA55-181208	OEZ:35415	129	
	2 000	QA40-201208	OEZ:35507	QA55-201208	OEZ:35438	135	
	2 200	QA40-221208	OEZ:35530	QA55-221208	OEZ:35461	140	
1 000	600	1 800	QA40-180610	OEZ:35467	QA55-180610	OEZ:35398	83
		2 000	QA40-200610	OEZ:35490	QA55-200610	OEZ:35421	87
		2 200	QA40-220610	OEZ:35513	QA55-220610	OEZ:35444	93
	800	1 800	QA40-180810	OEZ:35473	QA55-180810	OEZ:35404	107
		2 000	QA40-200810	OEZ:35496	QA55-200810	OEZ:35427	109
		2 200	QA40-220810	OEZ:35519	QA55-220810	OEZ:35450	114
	1 000	1 800	QA40-181010	OEZ:35479	QA55-181010	OEZ:35410	119
		2 000	QA40-201010	OEZ:35502	QA55-201010	OEZ:35433	126
		2 200	QA40-221010	OEZ:35525	QA55-221010	OEZ:35456	132

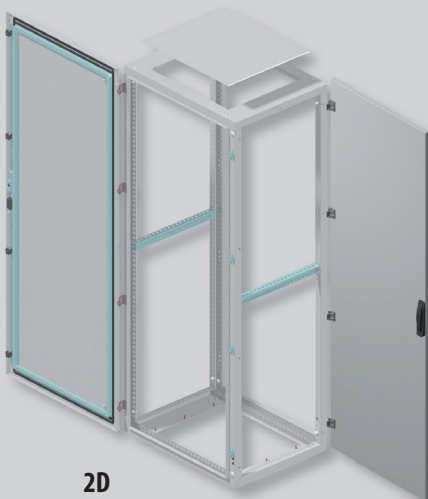
Basic design of the cabinet contains:

- frame
 - removable upper cover
 - removable rear cover
 - opening in bottom
 - 2 side rails
- door
 - swivel door handle
 - double-bar 5mm insert, key
 - screwed perforated reinforcement frame around entire door periphery with bracing in corners
 - door opening angle 180°
 - outdoor hinges

SIDE-BY-SIDE CABINETS QA



1K
single door design



2D
two doors design

QA switchboard cabinets 1 000 mm width with single door

Frame dimensions [mm]			Degree of protection IP40		Degree of protection IP55		Weight [kg]
depth	width	height	Type	Order code	Type	Order code	
300	1 000	1 800	QA40-181003-1K	OEZ:37064	QA55-181003-1K	OEZ:37100	94
		2 000	QA40-201003-1K	OEZ:37076	QA55-201003-1K	OEZ:37112	100
		2 200	QA40-221003-1K	OEZ:37088	QA55-221003-1K	OEZ:37124	105
400	1 000	1 800	QA40-181004-1K	OEZ:37065	QA55-181004-1K	OEZ:37101	98
		2 000	QA40-201004-1K	OEZ:37077	QA55-201004-1K	OEZ:37113	103
		2 200	QA40-221004-1K	OEZ:37089	QA55-221004-1K	OEZ:37125	109
500	1 000	1 800	QA40-181005-1K	OEZ:37066	QA55-181005-1K	OEZ:37102	101
		2 000	QA40-201005-1K	OEZ:37078	QA55-201005-1K	OEZ:37114	107
		2 200	QA40-221005-1K	OEZ:37090	QA55-221005-1K	OEZ:37126	113
600	1 000	1 800	QA40-181006-1K	OEZ:37067	QA55-181006-1K	OEZ:37103	105
		2 000	QA40-201006-1K	OEZ:37079	QA55-201006-1K	OEZ:37115	111
		2 200	QA40-221006-1K	OEZ:37091	QA55-221006-1K	OEZ:37127	116
800	1 000	1 800	QA40-181008-1K	OEZ:37068	QA55-181008-1K	OEZ:37104	112
		2 000	QA40-201008-1K	OEZ:37080	QA55-201008-1K	OEZ:37116	118
		2 200	QA40-221008-1K	OEZ:37092	QA55-221008-1K	OEZ:37128	124
1 000	1 000	1 800	QA40-181010-1K	OEZ:37069	QA55-181010-1K	OEZ:37105	119
		2 000	QA40-201010-1K	OEZ:37081	QA55-201010-1K	OEZ:37117	126
		2 200	QA40-221010-1K	OEZ:37093	QA55-221010-1K	OEZ:37129	132

Door both front and rear

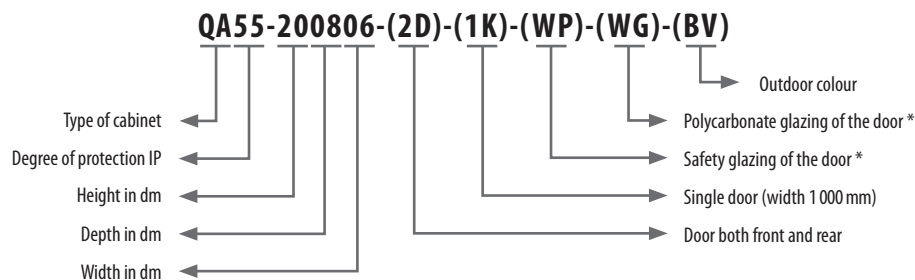
Frame dimensions [mm]			Degree of protection IP40		Degree of protection IP55		Weight [kg]
depth	width	height	Type	Order code	Type	Order code	
600	1 000	1 800	QA40-180608-2D	OEZ:35727	QA55-180608-2D	OEZ:35706	77
		2 000	QA40-200608-2D	OEZ:35734	QA55-200608-2D	OEZ:35713	83
		2 200	QA40-220608-2D	OEZ:35741	QA55-220608-2D	OEZ:35720	88
800	1 000	1 800	QA40-180808-2D	OEZ:35729	QA55-180808-2D	OEZ:35708	100
		2 000	QA40-200808-2D	OEZ:35736	QA55-200808-2D	OEZ:35715	102
		2 200	QA40-220808-2D	OEZ:35743	QA55-220808-2D	OEZ:35722	108
1 000	1 000	1 800	QA40-181008-2D	OEZ:35731	QA55-181008-2D	OEZ:35710	112
		2 000	QA40-201008-2D	OEZ:35738	QA55-201008-2D	OEZ:35717	118
		2 200	QA40-221008-2D	OEZ:35745	QA55-221008-2D	OEZ:35724	124
1 200	1 000	1 800	QA40-181208-2D	OEZ:35733	QA55-181208-2D	OEZ:35712	129
		2 000	QA40-201208-2D	OEZ:35740	QA55-201208-2D	OEZ:35719	135
		2 200	QA40-221208-2D	OEZ:35747	QA55-221208-2D	OEZ:35726	140
600	1 000	1 800	QA40-180610-2D	OEZ:35728	QA55-180610-2D	OEZ:35707	83
		2 000	QA40-200610-2D	OEZ:35735	QA55-200610-2D	OEZ:35714	87
		2 200	QA40-220610-2D	OEZ:35742	QA55-220610-2D	OEZ:35721	93
1 000	1 000	1 800	QA40-180810-2D	OEZ:35730	QA55-180810-2D	OEZ:35709	107
		2 000	QA40-200810-2D	OEZ:35737	QA55-200810-2D	OEZ:35716	109
		2 200	QA40-220810-2D	OEZ:35744	QA55-220810-2D	OEZ:35723	114
1 000	1 000	1 800	QA40-181010-2D	OEZ:35732	QA55-181010-2D	OEZ:35711	119
		2 000	QA40-201010-2D	OEZ:35739	QA55-201010-2D	OEZ:35718	126
		2 200	QA40-221010-2D	OEZ:35746	QA55-221010-2D	OEZ:35725	132

SIDE-BY-SIDE CABINETS QA

Specifications

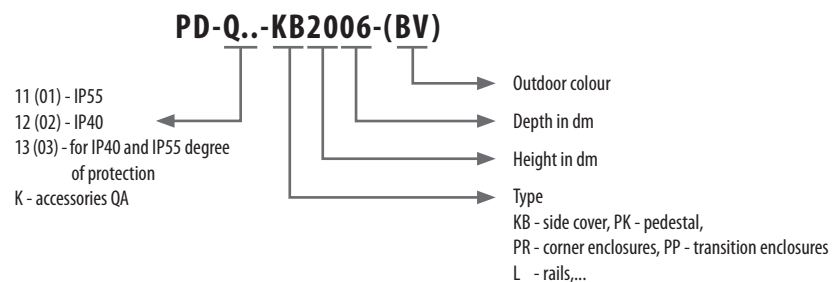
Type	QA40	QA55
Standards	IEC 62208 EN 62208	IEC 62208 EN 62208
Approval marks		
Installation	side-by-side (separately standing)	side-by-side (separately standing)
Degree of protection	IP40	IP55
Rated values of the used devices	max. 6 300 A, AC 230/400 V	max. 6 300 A, AC 230/400 V
Degree of protection against external mechanical impacts	plain door IK10	IK10
Protection class	I	I
Use	indoor	indoor
Cabinet material		
For indoor use	steel sheet coated with epoxy-polyester powder paint, gloss	steel sheet coated with epoxy-polyester powder paint, gloss
Sealing	-	expanded polyurethane
Door		
Opening	right/left	right/left
Door	single/double	single/double
Design	plain	plain

Type designation



* Note: max. size of door glazing is by 300 mm smaller than the nominal width (height) of the cabinet.

Accessories



SIDE-BY-SIDE CABINETS QA

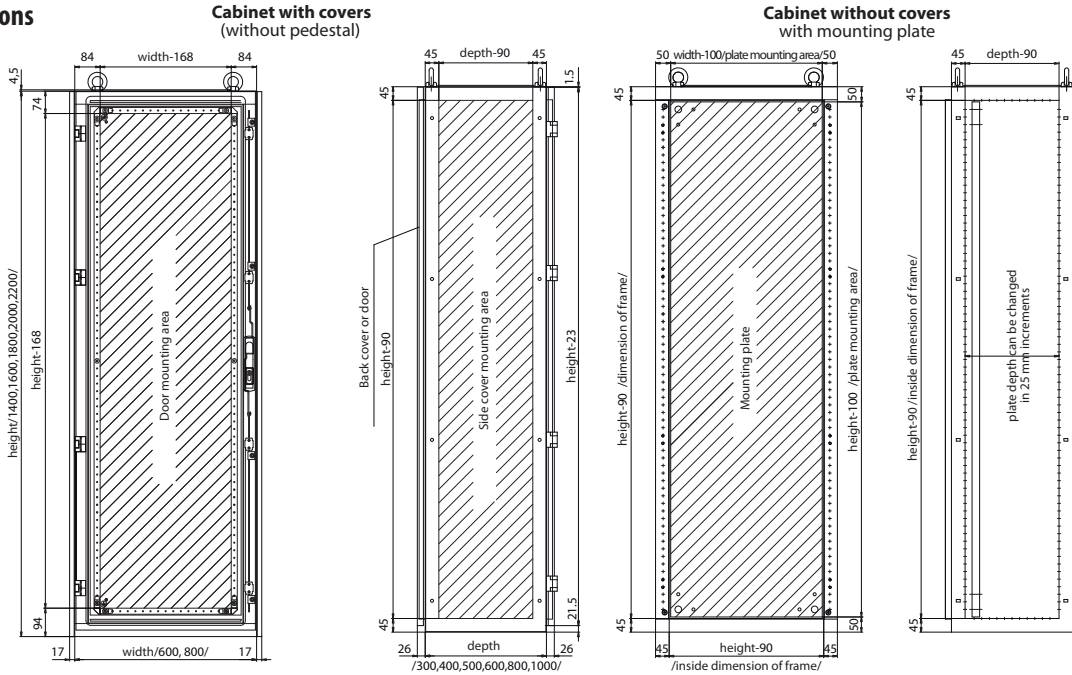
Heat dissipation

Frame dimensions			Power loss * [W]											
depth [mm]	width [mm]	height [mm]	□		□		□		□		□		□	
			QA55	QA40	QA55	QA40	QA55	QA40	QA55	QA40	QA55	QA40	QA55	QA40
300	600	1 800	251	280	219	293	239	252	196	218	213	236	178	196
		2 000	277	304	241	268	254	281	218	241	232	254	196	218
		2 200	310	340	268	304	281	308	245	272	259	286	218	245
	800	1 800	308	331	268	282	295	310	247	270	266	292	212	238
		2 000	334	371	290	322	313	344	268	295	290	317	245	268
		2 200	371	412	326	362	349	385	299	326	322	358	272	304
	1 000	1 800	317	349	259	286	303	344	268	331	295	322	241	272
		2 000	396	434	335	371	371	412	331	367	349	385	295	326
		2 200	470	515	412	443	430	484	394	403	403	448	353	380
	1 200	1 800	413	461	358	398	394	434	353	394	394	430	322	367
		2 000	335	371	290	322	313	344	268	295	290	317	245	268
		2 200	467	523	412	461	434	488	398	443	430	474	358	398
400	600	1 800	280	308	243	273	258	282	223	248	233	258	198	223
		2 000	307	338	268	298	283	313	243	268	258	283	218	243
		2 200	344	378	298	338	313	343	273	303	288	318	243	273
	800	1 800	338	373	293	323	318	348	273	303	293	323	248	273
		2 000	372	413	323	358	348	383	298	328	323	353	273	298
		2 200	412	458	363	403	388	428	333	363	358	398	303	338
	1 000	1 800	353	388	288	318	338	383	298	368	328	358	268	303
		2 000	439	483	373	413	413	458	368	408	388	428	328	363
		2 200	522	573	458	493	478	538	438	448	448	498	393	423
	1 200	1 800	458	513	398	443	438	483	393	438	438	478	358	408
		2 000	489	548	428	478	448	508	408	458	448	498	383	428
		2 200	510	582	458	512	483	542	443	493	478	527	398	443
500	600	1 800	312	346	277	313	278	313	252	283	253	283	218	253
		2 000	344	378	303	338	308	343	273	303	278	308	238	268
		2 200	379	423	338	378	343	383	303	338	308	343	293	323
	800	1 800	372	413	328	363	348	383	301	338	313	353	273	303
		2 000	407	453	358	398	378	418	328	363	348	383	298	328
		2 200	455	503	398	443	418	463	363	403	383	428	328	363
	1 000	1 800	394	343	328	363	373	418	328	383	353	388	293	328
		2 000	478	528	413	458	448	493	383	423	413	458	353	388
		2 200	552	608	498	528	513	573	468	463	473	528	413	448
	1 200	1 800	505	564	438	487	482	531	432	482	482	526	394	449
		2 000	523	588	463	518	488	548	448	498	483	533	403	448
		2 200	577	647	509	570	437	603	493	548	531	586	443	493
600	600	1 800	345	388	313	348	303	348	278	313	278	313	343	278
		2 000	378	418	338	373	343	378	298	333	303	339	263	293
		2 200	411	463	378	418	383	423	333	368	338	373	298	328
	800	1 800	406	453	363	403	378	418	333	373	343	393	293	343
		2 000	448	493	399	436	408	453	358	398	373	413	318	353
		2 200	500	548	438	488	453	503	393	438	408	453	353	393
	1 000	1 800	434	478	368	408	408	453	358	398	378	418	318	353
		2 000	527	581	454	504	493	542	421	465	454	504	388	427
		2 200	585	643	538	563	548	608	498	478	498	558	433	473
	1 200	1 800	554	621	482	536	530	584	475	530	530	578	433	494
		2 000	559	628	498	548	528	588	483	538	508	568	423	468
		2 200	638	711	560	627	590	663	542	603	584	645	488	542
800	600	1 800	380	428	350	387	331	384	306	346	304	340	369	301
		2 000	415	460	372	410	377	416	328	366	333	372	289	322
		2 200	458	509	416	460	421	465	366	405	372	410	328	361
	800	1 800	445	487	399	443	410	451	370	410	380	430	306	384
		2 000	494	542	438	482	449	498	394	438	410	454	349	388
		2 200	546	603	482	530	498	553	432	482	449	498	388	432
	1 000	1 800	476	526	405	449	449	498	394	438	416	460	350	388
		2 000	579	639	500	554	542	597	464	512	510	554	427	469
		2 200	671	736	603	639	621	693	566	560	572	639	500	542
	1 200	1 800	611	683	530	590	583	643	523	583	583	637	477	543
		2 000	615	691	548	603	581	647	531	592	559	625	465	515
		2 200	697	783	616	690	650	730	596	663	643	710	537	596
1 000	600	1 800	416	468	387	426	359	420	334	379	330	367	395	324
		2 000	452	502	406	447	411	454	358	399	363	406	315	351
		2 200	500	555	454	502	459	507	399	442	406	447	358	394
	800	1 800	485	521	435	483	442	484	407	447	417	467	319	425
		2 000	539	591	478	526	490	543	430	478	447	495	382	423
		2 200	598	658	526	572	543	603	471	526	490	543	423	471
	1 000	1 800	519	574	442	490	490	543	430	478	454	502	382	423
		2 000	631	697	546	604	591	652	507	559	566	604	466	511
		2 200	757	829	668	715	694	778	634	642	646	720	567	611

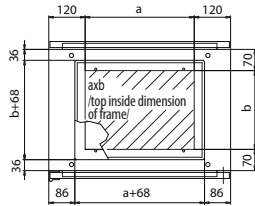
*) Power loss dissipated by the surface of the cabinet depending on degree of protection and location of the cabinet. Measurement of warming inside the cabinet Δt = 15 K at 3/4 cabinet height.

SIDE-BY-SIDE CABINETS QA

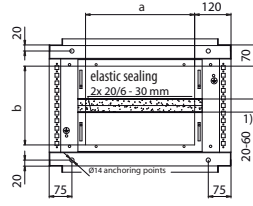
Dimensions



Top view of cabinet (without side covers, with top cover)

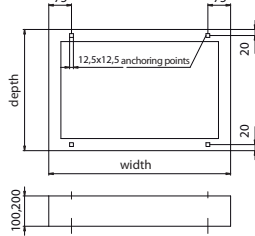


Cabinet bottom (with bottom sliding flanges)

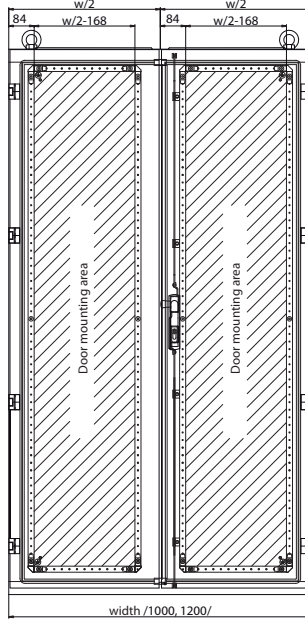


1) for cabinet depths 500, 600, 800, 1000 mm, there are 4 sliding flanges

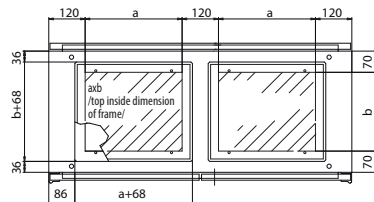
Pedestal



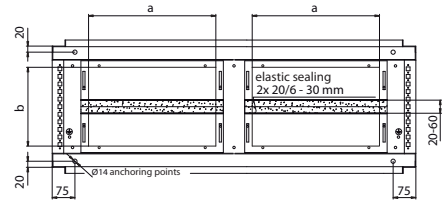
Cabinet without covers (without pedestal)



Top view of cabinet (without side covers, with top cover)

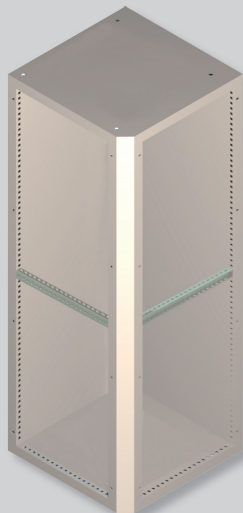


Cabinet bottom (with bottom sliding flanges)



	For cabinet		Opening in bottom, upper cover	
	widths [mm]	depths [mm]	a [mm]	b [mm]
600	300	360	360	160
	400	360	360	260
	500	360	360	360
	600	360	360	460
	800	360	360	660
800	300	560	560	160
	400	560	560	260
	500	560	560	360
	600	560	560	460
	800	560	560	660
1000	300	860	860	160
	400	860	860	260
	500	860	860	360
	600	860	860	460
	800	860	860	660
1200	300	1260	1260	160
	400	1260	1260	260
	500	1260	1260	360
	600	1260	1260	460
	800	1260	1260	660

QA ACCESSORIES



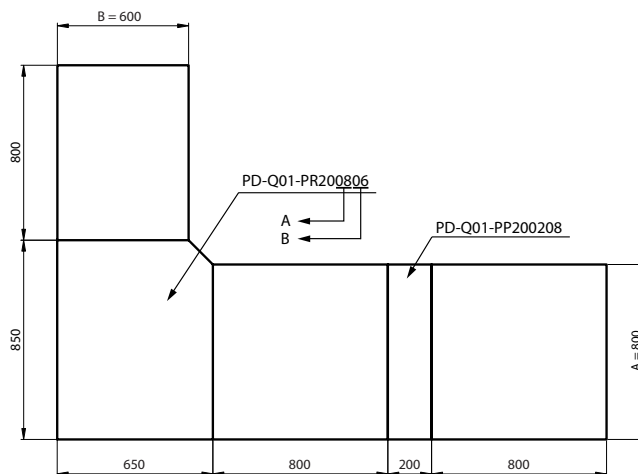
PD-Q01-PR200606

Corner enclosures

- For joining QA.. cabinets of height 2 000 mm.
 - Corner enclosures can be in a structural group without transition enclosures.
 - For IP55 and IP40 degree of protection.
 - Fixed upper cover, side covers.
 - Thermoreactive epoxy-polyester powder coating RAL 7035.
- The package contains:
 - frame
 - 2 side rails.

Corner enclosure dimensions [mm]			Type	Order code	Weight [kg]	Package [pcs]
height	width (A)	depth (B)				
400	400	400	PD-Q01-PR200404	OEZ:33760	74	1
	600	600	PD-Q01-PR200406	OEZ:20911	74	1
	800	800	PD-Q01-PR200408	OEZ:20916	89	1
500	500	500	PD-Q01-PR200505	OEZ:33768	83	1
	600	600	PD-Q01-PR200506	OEZ:20913	76	1
	800	800	PD-Q01-PR200508	OEZ:20918	92	1
2 000	400	400	PD-Q01-PR200604	OEZ:20909	74	1
	500	500	PD-Q01-PR200605	OEZ:20912	76	1
	600	600	PD-Q01-PR200606	OEZ:20914	78	1
	800	800	PD-Q01-PR200608	OEZ:20696	101	1
	400	800	PD-Q01-PR200804	OEZ:20915	89	1
	500	800	PD-Q01-PR200805	OEZ:20917	92	1
800	600	600	PD-Q01-PR200806	OEZ:20697	101	1
	800	800	PD-Q01-PR200808	OEZ:20698	110	1
	1 000	1 000	PD-Q01-PR200810	OEZ:44226	115	1
1 000	800	800	PD-Q01-PR201008	OEZ:44225	118	1

Examples of joining into assembled group



PD-Q01-PP200205

Transition enclosures

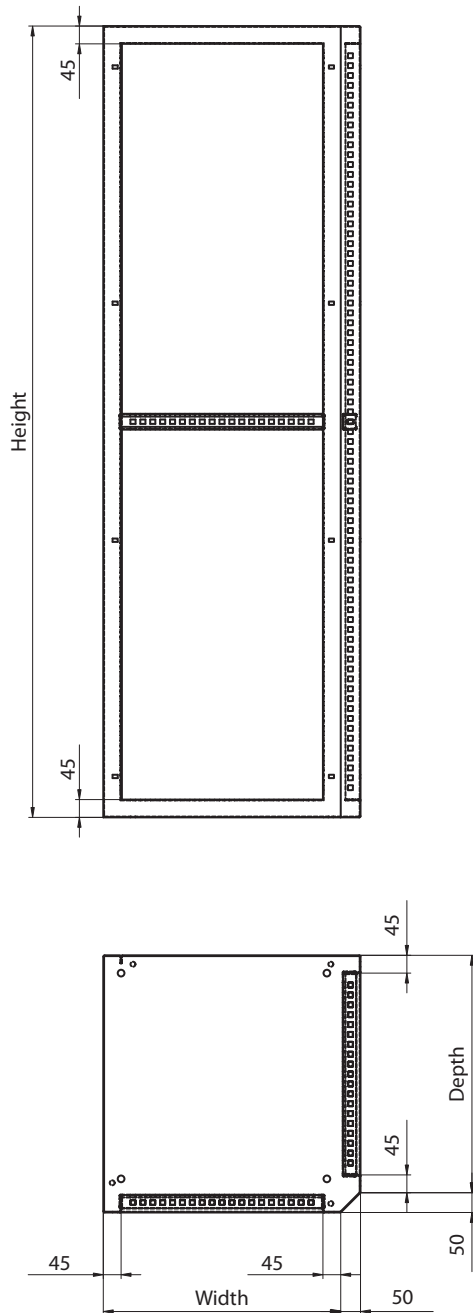
- For joining QA.. cabinets of height 2 000 mm.
 - For IP55 and IP40 degree of protection.
 - Thermoreactive epoxy-polyester powder coating RAL 7035.
- The package contains:
 - frame.

Transition enclosure dimensions [mm]			Type	Order code	Weight [kg]	Package [pcs]
height	width (A)	depth (B)				
2 000	200	300	PD-Q01-PP200203	OEZ:20919	55	1
		400	PD-Q01-PP200204	OEZ:20921	58	1
		500	PD-Q01-PP200205	OEZ:20922	60	1
		600	PD-Q01-PP200206	OEZ:20699	34	1
		800	PD-Q01-PP200208	OEZ:20700	38	1
		1 000	PD-Q01-PP200210	OEZ:41142	42	1

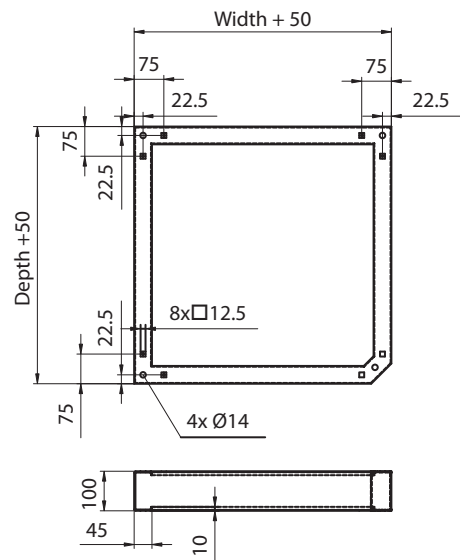
QA ACCESSORIES

Dimensions

Corner enclosure PD-Q01-PR.....



Pedestal PD-Q03PR-PK....



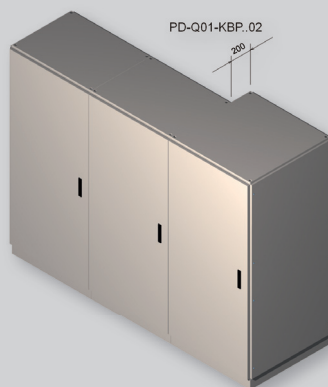
QA ACCESSORIES



PD-Q12-KB2004



PD-Q03-KBD2004



PD-Q12-KBP2002

Side covers

- 1.5 mm formed steel sheet.
- Fitted with sealing from expanded polyurethane for IP55 degree of protection.
- Thermoreactive epoxy-polyester powder coating RAL 7035.
- Fasten to frame using 8 M6x20 screws and M6 cage nuts.
- 1 earthing point for fastening of protective conductor.
- The package contains:
 - 2 side covers
 - fastening materials for fixing to frame.

For cabinet		For QA40 - Degree of protection IP40		For QA55 - Degree of protection IP55		Weight [kg]	Package [set]
height [mm]	depth [mm]	Type	Order code	Type	Order code		
1 800	300	PD-Q12-KB1803	OEZ:35589	PD-Q11-KB1803	OEZ:35571	13	1
	400	PD-Q12-KB1804	OEZ:35590	PD-Q11-KB1804	OEZ:35572	17	1
	500	PD-Q12-KB1805	OEZ:35591	PD-Q11-KB1805	OEZ:35573	21	1
	600	PD-Q12-KB1806	OEZ:35592	PD-Q11-KB1806	OEZ:35574	25	1
	800	PD-Q12-KB1808	OEZ:35593	PD-Q11-KB1808	OEZ:35575	34	1
	1 000	PD-Q12-KB1810	OEZ:35594	PD-Q11-KB1810	OEZ:35576	43	1
2 000	300	PD-Q12-KB2003	OEZ:35595	PD-Q11-KB2003	OEZ:35577	15	1
	400	PD-Q12-KB2004	OEZ:35596	PD-Q11-KB2004	OEZ:35578	19	1
	500	PD-Q12-KB2005	OEZ:35597	PD-Q11-KB2005	OEZ:35579	23	1
	600	PD-Q12-KB2006	OEZ:35598	PD-Q11-KB2006	OEZ:35580	27	1
	800	PD-Q12-KB2008	OEZ:35599	PD-Q11-KB2008	OEZ:35581	38	1
	1 000	PD-Q12-KB2010	OEZ:35600	PD-Q11-KB2010	OEZ:35582	49	1
2 200	300	PD-Q12-KB2203	OEZ:35601	PD-Q11-KB2203	OEZ:35583	17	1
	400	PD-Q12-KB2204	OEZ:35602	PD-Q11-KB2204	OEZ:35584	21	1
	500	PD-Q12-KB2205	OEZ:35603	PD-Q11-KB2205	OEZ:35585	25	1
	600	PD-Q12-KB2206	OEZ:35604	PD-Q11-KB2206	OEZ:35586	30	1
	800	PD-Q12-KB2208	OEZ:35605	PD-Q11-KB2208	OEZ:35587	42	1
	1 000	PD-Q12-KB2210	OEZ:35606	PD-Q11-KB2210	OEZ:35588	54	1

Dividing covers between cabinets

- For dividing enclosure areas in a group.
- Mounting between frames of adjacent enclosures.
- 1.5 mm steel sheet.
- Galvanised finish.
- Fitted with expanded polyurethane sealing for IP55 and IP40 degree of protection.
- The package contains:
 - dividing steel sheet
 - sealing.

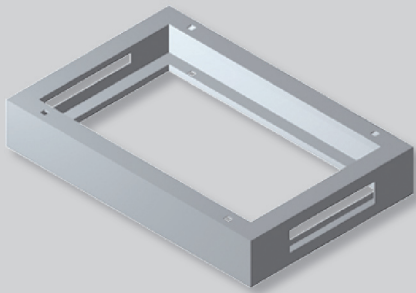
For cabinet [mm]		Type	Order code	Weight [kg]	Package [set]
height	depth				
2 000	400	PD-Q03-KBD2004	OEZ:20702	9	1
	500	PD-Q03-KBD2005	OEZ:20703	12	1
	600	PD-Q03-KBD2006	OEZ:20704	15	1
	800	PD-Q03-KBD2008	OEZ:20705	19	1

Covers for variable depths of cabinets

- For covering side areas in cabinet group with variable depths.
- Fitted with sealing from expanded polyurethane for IP55 degree of protection.
- 1.5 mm formed steel sheet.
- Thermoreactive epoxy-polyester powder coating RAL 7035.
- The package contains:
 - cover
 - web
 - fastening material.

For cabinets [mm]		Degree of protection IP40		Degree of protection IP55		Weight [kg]	Package [pcs]
height	variable depth	Type	Order code	Type	Order code		
2 000	200	PD-Q12-KBP2002	OEZ:35750	PD-Q11-KBP2002	OEZ:35748	6.5	1
2 200	200	PD-Q12-KBP2202	OEZ:35751	PD-Q11-KBP2202	OEZ:35749	7.0	1

QA ACCESSORIES



PD-Q13-PK010805

Pedestals

- 2 mm formed steel sheet.
- Thermoreactive epoxy-polyester powder coating RAL 7035.
- Fasten to frame using 4 M10x30 screws.
- 4 holes (12.5 x 12.5 mm) for fastening to floor.
- Side hole for additional extension of cables between enclosures.
- Side holes can be covered with PD-RI-ZAS-S blind plates. 2 blind plate per one opening.
- The package contains:
 - pedestal
 - fastening materials for fixing to frame.

	For cabinet		Type	Order code	Pedestal height [mm]	Weight [kg]	Package [sets]
	width [mm]	depth [mm]					
600	300		PD-Q13-PK010603	OEZ:35607	100	5.8	1
	400		PD-Q13-PK010604	OEZ:35608	100	6.4	1
	500		PD-Q13-PK010605	OEZ:35609	100	7.1	1
	600		PD-Q13-PK010606	OEZ:35610	100	7.7	1
	800		PD-Q13-PK010608	OEZ:35611	100	8.9	1
	1000		PD-Q13-PK010610	OEZ:35612	100	10.1	1
800	300		PD-Q13-PK010803	OEZ:35613	100	7.1	1
	400		PD-Q13-PK010804	OEZ:35614	100	7.7	1
	500		PD-Q13-PK010805	OEZ:35615	100	8.4	1
	600		PD-Q13-PK010806	OEZ:35616	100	9.0	1
	800		PD-Q13-PK010808	OEZ:35617	100	10.3	1
	1000		PD-Q13-PK010810	OEZ:35618	100	11.6	1
1000	300		PD-Q13-PK011003	OEZ:35619	100	8.5	1
	400		PD-Q13-PK011004	OEZ:35620	100	9.1	1
	500		PD-Q13-PK011005	OEZ:35621	100	9.7	1
	600		PD-Q13-PK011006	OEZ:35622	100	10.4	1
	800		PD-Q13-PK011008	OEZ:35623	100	11.6	1
	1000		PD-Q13-PK011010	OEZ:35624	100	12.9	1
1200	300		PD-Q13-PK011203	OEZ:35625	100	9.9	1
	400		PD-Q13-PK011204	OEZ:35626	100	10.5	1
	500		PD-Q13-PK011205	OEZ:35627	100	11.1	1
	600		PD-Q13-PK011206	OEZ:35628	100	11.7	1
	800		PD-Q13-PK011208	OEZ:35629	100	12.9	1
600	300		PD-Q13-PK020603	OEZ:35630	200	8.7	1
	400		PD-Q13-PK020604	OEZ:35631	200	9.6	1
	500		PD-Q13-PK020605	OEZ:35632	200	10.6	1
	600		PD-Q13-PK020606	OEZ:35633	200	11.6	1
	800		PD-Q13-PK020608	OEZ:35634	200	13.4	1
	1000		PD-Q13-PK020610	OEZ:35635	200	15.2	1
800	300		PD-Q13-PK020803	OEZ:35636	200	10.7	1
	400		PD-Q13-PK020804	OEZ:35637	200	11.6	1
	500		PD-Q13-PK020805	OEZ:35638	200	12.5	1
	600		PD-Q13-PK020806	OEZ:35639	200	13.5	1
	800		PD-Q13-PK020808	OEZ:35640	200	15.4	1
	1000		PD-Q13-PK020810	OEZ:35641	200	17.3	1
1000	300		PD-Q13-PK021003	OEZ:35642	200	12.8	1
	400		PD-Q13-PK021004	OEZ:35643	200	13.7	1
	500		PD-Q13-PK021005	OEZ:35644	200	14.6	1
	600		PD-Q13-PK021006	OEZ:35645	200	15.5	1
	800		PD-Q13-PK021008	OEZ:35646	200	17.3	1
	1000		PD-Q13-PK021010	OEZ:35647	200	19.4	1
1200	300		PD-Q13-PK021203	OEZ:35648	200	14.9	1
	400		PD-Q13-PK021204	OEZ:35649	200	15.8	1
	500		PD-Q13-PK021205	OEZ:35650	200	16.7	1
	600		PD-Q13-PK021206	OEZ:35651	200	17.6	1
	800		PD-Q13-PK021208	OEZ:35652	200	19.4	1

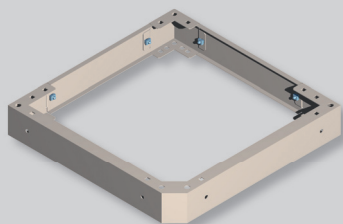
QA ACCESSORIES

Pedestals with ventilation

- 2 mm formed steel sheet.
- Thermoreactive epoxy-polyester powder coating RAL 7035.
- Fasten to frame using 4 M10x30 screws.
- 4 holes (12.5 x 12.5 mm) for fastening to floor.
- Side hole for additional extension of cables between enclosures.
- Degree of protection IP2x with covered side holes.
- Ventilation ensured by holes with blinds in front and back side of pedestal.
- Side holes can be covered with PD-RI-ZAS-S blind plates. 2 blind plates per one opening.
- The package contains:
 - pedestal
 - fastening materials for fixing to frame.

Pedestal height [mm]	Frame dimensions [mm]		Type	Order code	Ventilation hole [cm ²]	Weight [kg]	Package [pcs]
	width	depth					
600		300	PD-Q13-PKV010603	OEZ:38559	37	5.80	1
		400	PD-Q13-PKV010604	OEZ:38560	37	6.40	1
		500	PD-Q13-PKV010605	OEZ:38561	37	7.05	1
		600	PD-Q13-PKV010606	OEZ:38562	37	7.70	1
		800	PD-Q13-PKV010608	OEZ:38563	37	8.90	1
		1 000	PD-Q13-PKV010610	OEZ:38564	37	10.10	1
800		300	PD-Q13-PKV010803	OEZ:38565	47	7.10	1
		400	PD-Q13-PKV010804	OEZ:38566	47	7.70	1
		500	PD-Q13-PKV010805	OEZ:38567	47	8.35	1
		600	PD-Q13-PKV010806	OEZ:38568	47	9.00	1
		800	PD-Q13-PKV010808	OEZ:38569	47	10.25	1
		1 000	PD-Q13-PKV010810	OEZ:38570	47	11.55	1
1 000		300	PD-Q13-PKV011003	OEZ:38571	56	8.50	1
		400	PD-Q13-PKV011004	OEZ:38572	56	9.10	1
		500	PD-Q13-PKV011005	OEZ:38573	56	9.72	1
		600	PD-Q13-PKV011006	OEZ:38574	56	10.35	1
		800	PD-Q13-PKV011008	OEZ:38575	56	11.55	1
		1 000	PD-Q13-PKV011010	OEZ:38576	56	12.90	1
1 200		300	PD-Q13-PKV011203	OEZ:38577	66	9.90	1
		400	PD-Q13-PKV011204	OEZ:38578	66	10.50	1
		500	PD-Q13-PKV011205	OEZ:38579	66	11.10	1
		600	PD-Q13-PKV011206	OEZ:38580	66	11.70	1
		800	PD-Q13-PKV011208	OEZ:38581	66	12.90	1

QA ACCESSORIES

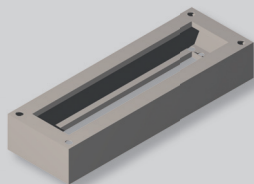


PD-Q03PR-PK010406

Pedestals for corner enclosures

- For PD-Q01-PR.. corner enclosure.
 - 2 mm formed steel sheet.
 - Thermoreactive epoxy-polyester powder coating RAL 7035.
 - Fasten to frame using 4 M10x30 screws.
 - 4 holes (12.5 x 12.5 mm) for fastening to floor.
- The package contains:
 - pedestal
 - fastening materials for fixing to frame.

Pedestal height [mm]	Frame dimensions [mm]		Type	Order code	Weight [kg]	Package [sets]	
	width	depth					
400	600	400	PD-Q03PR-PK010404	OEZ:34648	4.00	1	
		800	PD-Q03PR-PK010408	OEZ:21121	7.70	1	
	500	600	PD-Q03PR-PK010506	OEZ:21119	7.10	1	
		800	PD-Q03PR-PK010508	OEZ:21123	8.40	1	
		1000	600	PD-Q03PR-PK010605	OEZ:21118	7.10	1
			800	PD-Q03PR-PK010608	OEZ:20714	8.50	1
800	600	400	PD-Q03PR-PK010804	OEZ:21120	7.70	1	
		800	PD-Q03PR-PK010808	OEZ:20715	8.50	1	
	1000	600	PD-Q03PR-PK010606	OEZ:15979	7.50	1	
		800	PD-Q03PR-PK010805	OEZ:21122	8.40	1	
		800	PD-Q03PR-PK010806	OEZ:20716	10.50	1	
		800	PD-Q03PR-PK010810	OEZ:44228	11.55	1	
1000	800	PD-Q03PR-PK011008	OEZ:44227	11.55	1		



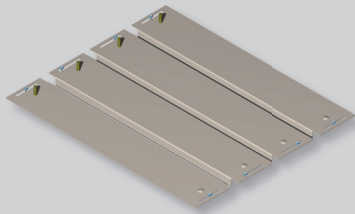
PD-Q03PP-PK010206

Pedestals for transition enclosures

- For PD-Q01-PP.. transition enclosures..
 - 2 mm formed steel sheet.
 - Thermoreactive epoxy-polyester powder coating RAL 7035.
 - Fasten to frame using 4 M10x30 screws.
 - 4 holes (12.5 x 12.5 mm) for fastening to floor.
- The package contains:
 - pedestal
 - fastening materials for fixing to frame.

Pedestal height [mm]	Frame dimensions [mm]		Type	Order code	Weight [kg]	Package [sets]
	width	depth				
100	200	300	PD-Q03PP-PK010203	OEZ:33408	3.0	1
		400	PD-Q03PP-PK010204	OEZ:33409	3.5	1
		500	PD-Q03PP-PK010205	OEZ:33410	4.0	1
		600	PD-Q03PP-PK010206	OEZ:15980	4.5	1
		800	PD-Q03PP-PK010208	OEZ:33411	5.5	1
		1000	PD-Q03PP-PK010210	OEZ:41143	6.5	1

QA ACCESSORIES

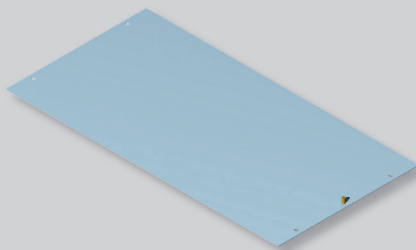


PD-Q13-3KD0808

Bottom sliding flanges

- 1.5 mm formed steel sheet.
- Sealing for cable pass-through.
- Does not serve to achieve degree of protection of cabinet bottom.
- Galvanised finish.
- Can be used in QA cabinet upper cover instead of removable upper cover.
- The package contains:
 - set of sliding flanges
 - connection material.

For cabinet		Type	Order code	Number of covers in the set [pcs]	Number of cable bushes in cover	Weight [kg]	Package [sets]
width [mm]	depth [mm]						
600	300	PD-Q13-3KD0603	OEZ:35752	2	1	1.0	1
	400	PD-Q13-3KD0604	OEZ:35753	2	1	1.4	1
	500	PD-Q13-3KD0605	OEZ:35754	4	2	2.2	1
	600	PD-Q13-3KD0606	OEZ:35755	4	2	2.7	1
	800	PD-Q13-3KD0608	OEZ:35756	4	2	3.9	1
	1 000	PD-Q13-3KD0610	OEZ:35757	4	2	4.6	1
800	300	PD-Q13-3KD0803	OEZ:35758	2	1	1.4	1
	400	PD-Q13-3KD0804	OEZ:35759	2	1	2.2	1
	500	PD-Q13-3KD0805	OEZ:35760	4	2	3.2	1
	600	PD-Q13-3KD0806	OEZ:35761	4	2	3.9	1
	800	PD-Q13-3KD0808	OEZ:35762	4	2	5.9	1
	1 000	PD-Q13-3KD0810	OEZ:35763	4	2	6.9	1
1 000	300	PD-Q13-3KD1003	OEZ:35764	4	2x 1	1.7	1
	400	PD-Q13-3KD1004	OEZ:35765	4	2x 1	2.6	1
	500	PD-Q13-3KD1005	OEZ:35766	8	2x 2	3.9	1
	600	PD-Q13-3KD1006	OEZ:35767	8	2x 2	4.7	1
	800	PD-Q13-3KD1008	OEZ:35768	8	2x 2	7.1	1
	1 000	PD-Q13-3KD1010	OEZ:35769	8	2x 2	8.4	1
1 200	300	PD-Q13-3KD1203	OEZ:35770	4	2x 1	2.2	1
	400	PD-Q13-3KD1204	OEZ:35771	4	2x 1	3.3	1
	500	PD-Q13-3KD1205	OEZ:35772	8	2x 2	4.9	1
	600	PD-Q13-3KD1206	OEZ:35773	8	2x 2	6.4	1
	800	PD-Q13-3KD1208	OEZ:35774	8	2x 2	9.1	1



PD-Q13-1KD0804

One-piece bottom covers

- 1.5 mm formed steel sheet.
- Ensures IP55 degree of protection of cabinet bottom.
- Galvanised finish.
- The package contains:
 - cover
 - sealing
 - connection material.

For cabinet		Type	Order code	Weight [kg]	Package [sets]
width [mm]	depth [mm]				
600	300	PD-Q13-1KD0603	OEZ:35775	0.9	1
	400	PD-Q13-1KD0604	OEZ:35776	1.3	1
	500	PD-Q13-1KD0605	OEZ:35777	1.7	1
	600	PD-Q13-1KD0606	OEZ:35778	2.2	1
	800	PD-Q13-1KD0608	OEZ:35779	3.1	1
	1 000	PD-Q13-1KD0610	OEZ:35780	4.0	1
800	300	PD-Q13-1KD0803	OEZ:35781	1.3	1
	400	PD-Q13-1KD0804	OEZ:35782	1.9	1
	500	PD-Q13-1KD0805	OEZ:35783	2.6	1
	600	PD-Q13-1KD0806	OEZ:35784	3.3	1
	800	PD-Q13-1KD0808	OEZ:35785	4.7	1
	1 000	PD-Q13-1KD0810	OEZ:35786	6.1	1
1 000	300	PD-Q13-1KD1003	OEZ:35787	1.3	1
	400	PD-Q13-1KD1004	OEZ:35788	2.5	1
	500	PD-Q13-1KD1005	OEZ:35789	3.4	1
	600	PD-Q13-1KD1006	OEZ:35790	4.2	1
	800	PD-Q13-1KD1008	OEZ:35791	5.9	1
	1 000	PD-Q13-1KD1010	OEZ:35792	7.7	1
1 200	300	PD-Q13-1KD1203	OEZ:35793	2.1	1
	400	PD-Q13-1KD1204	OEZ:35794	3.1	1
	500	PD-Q13-1KD1205	OEZ:35795	4.2	1
	600	PD-Q13-1KD1206	OEZ:35796	5.0	1
	800	PD-Q13-1KD1208	OEZ:35797	7.5	1

QA ACCESSORIES

Upper covers with ventilation

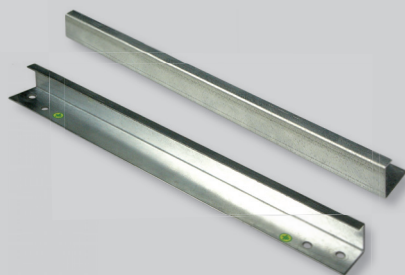
- 1.5 mm formed steel sheet.
 - Thermoreactive epoxy-polyester powder coating RAL 7035.
 - Mounting between frames and upper cover.
 - Height 100 mm.
 - Degree of protection IP2x.
 - Ventilation ensured by holes with blinds around the cover periphery.
- The package contains:
 - 1 cover for cabinets of width 600 and 800 mm
 - 2 covers for cabinets of width 1 000 and 1 200 mm
 - fastening materials for fixing to frame.

Cabinet dimensions [mm]		Type	Order code	Venting hole [cm ²]	Weight [kg]	Package [sets]
width	depth					
600	300	PD-Q13-KHV0603	OEZ:38582	37	3.50	1
	400	PD-Q13-KHV0604	OEZ:38583	47	4.00	1
	500	PD-Q13-KHV0605	OEZ:38584	56	4.50	1
	600	PD-Q13-KHV0606	OEZ:38585	66	5.00	1
	800	PD-Q13-KHV0608	OEZ:38586	84	5.95	1
	1 000	PD-Q13-KHV0610	OEZ:38587	103	6.95	1
800	300	PD-Q13-KHV0803	OEZ:38588	56	4.30	1
	400	PD-Q13-KHV0804	OEZ:38589	66	4.80	1
	500	PD-Q13-KHV0805	OEZ:38590	75	5.30	1
	600	PD-Q13-KHV0806	OEZ:38591	84	5.80	1
	800	PD-Q13-KHV0808	OEZ:38592	103	6.70	1
	1 000	PD-Q13-KHV0810	OEZ:38593	122	7.70	1
1 000	300	PD-Q13-KHV1003	OEZ:38594	75	8.30	1
	400	PD-Q13-KHV1004	OEZ:38595	94	9.00	1
	500	PD-Q13-KHV1005	OEZ:38596	112	9.70	1
	600	PD-Q13-KHV1006	OEZ:38597	131	10.50	1
	800	PD-Q13-KHV1008	OEZ:38598	168	11.75	1
	1 000	PD-Q13-KHV1010	OEZ:38599	356	13.00	1
1 200	300	PD-Q13-KHV1203	OEZ:38600	94	9.00	1
	400	PD-Q13-KHV1204	OEZ:38601	112	9.70	1
	500	PD-Q13-KHV1205	OEZ:38602	131	10.50	1
	600	PD-Q13-KHV1206	OEZ:38603	150	11.30	1
	800	PD-Q13-KHV1208	OEZ:38604	187	13.00	1

QA ACCESSORIES



PD-Q03-MP1908



PD-Q13-LMP06



PD-Q03-MPV19

Mounting plates

- 2.5 mm formed steel sheet.
- Galvanised finish.
- Fasten to frame using 4 pcs of brackets.
- The package contains:
 - mounting plate
 - 4 brackets
 - fastening material.

For cabinet		Type	Order code	Plate height [mm]	Plate width [mm]	Plate surface area [m ²]	Weight [kg]	Package [pcs]
height [mm]	width [mm]							
1 800	600	PD-Q03-MP1706	OEZ:17499	1 700	500	0.85	21.0	1
	800	PD-Q03-MP1708	OEZ:17500	1 700	700	1.19	28.0	1
	1 000	PD-Q03-MP1710	OEZ:17601	1 700	900	1.53	35.0	1
	1 200	PD-Q03-MP1712	OEZ:17602	1 700	1100	1.87	42.0	1
2 000	600	PD-Q03-MP1906	OEZ:17603	1 900	500	0.95	23.5	1
	800	PD-Q03-MP1908	OEZ:17604	1 900	700	1.39	31.5	1
	1 000	PD-Q03-MP1910	OEZ:17605	1 900	900	1.71	39.0	1
	1 200	PD-Q03-MP1912	OEZ:17606	1 900	1100	2.09	47.0	1
2 200	600	PD-Q03-MP2106	OEZ:17607	2 100	500	1.05	26.5	1
	800	PD-Q03-MP2108	OEZ:17608	2 100	700	1.47	35.0	1
	1 000	PD-Q03-MP2110	OEZ:17609	2 100	900	1.89	44.0	1
	1 200	PD-Q03-MP2112	OEZ:21132	2 100	1100	2.31	53.0	1

Rails for easy mounting of mounting plate

- Facilitate insertion of fitted mounting panel.
- Placed into cabinet bottom.
- Serve as a support for heavy load of mounting plate.
- The package contains:
 - 2 rails
 - fastening material.

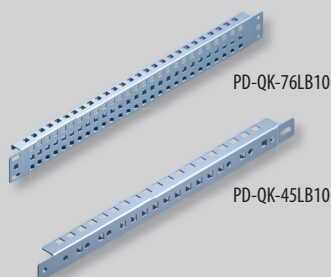
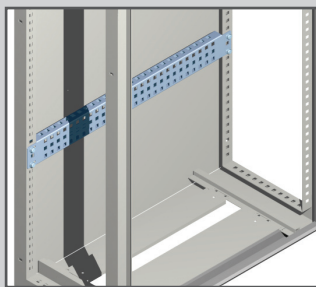
For cabinet depth [mm]	Type	Order code	Weight [kg]	Package [sets]
400	PD-Q13-LMP04	OEZ:35798	1.4	1
500	PD-Q13-LMP05	OEZ:35799	1.9	1
600	PD-Q13-LMP06	OEZ:35800	2.2	1
800	PD-Q13-LMP08	OEZ:35801	3.5	1
1 000	PD-Q13-LMP10	OEZ:35802	4.7	1

Filler plates between mounting plates

- Used for filling space between mounting plates in concurring multiple connection cabinets with mounting plates.
- 2.5 mm formed steel sheet.
- Mounting on cabinet back webs.
- Galvanised finish.
- The package contains:
 - filler plate
 - fastening material.

For cabinet height [mm]	Type	Order code	Weight [kg]	Package [pcs]
1 800	PD-Q03-MPV17	OEZ:17610	5.0	1
2 000	PD-Q03-MPV19	OEZ:17611	6.0	1
2 200	PD-Q03-MPV21	OEZ:17612	7.0	1

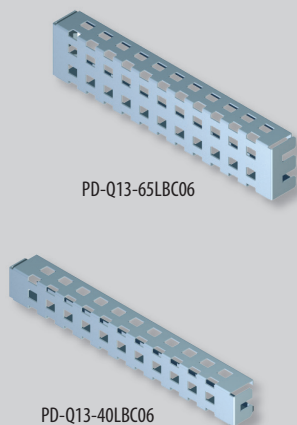
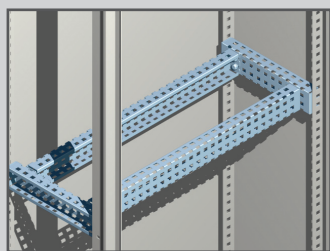
QA ACCESSORIES



Rails for back mounting

- Fasten at the level of cabinet back perforation, width.
- 2 mm formed steel sheet, "C" profile.
- Galvanised finish.
- Perforated for size M8 cage nuts.
- The package contains:
 - 1 rail
 - fastening material.

For cabinet width [mm]	Typ	Order code	Rails height [mm]	Weight [kg]	Package [pcs]
600	PD-QK-45LB06	OEZ:17617	40	0.8	1
800	PD-QK-45LB08	OEZ:17618	40	1.0	1
1 000	PD-QK-45LB10	OEZ:17619	40	1.2	1
1 200	PD-Q03-45LB12	OEZ:17620	40	1.3	1
600	PD-QK-76LB06	OEZ:17613	76	1.1	1
800	PD-QK-76LB08	OEZ:17614	76	1.4	1
1 000	PD-QK-76LB10	OEZ:17615	76	1.6	1
1 200	PD-Q03-76LB12	OEZ:17616	76	1.8	1

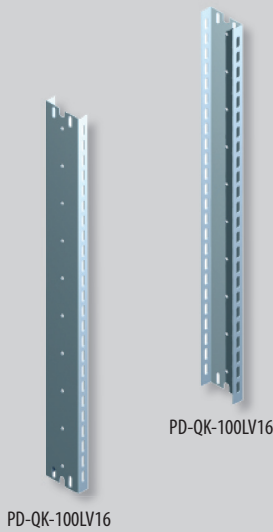


Rails for side/front mounting of components

- For mechanical fastening of heavy devices into cabinets.
- 1.5 mm formed steel sheet.
- Galvanised finish.
- Perforated for size M8 cage nuts.
- The package contains:
 - 1 rail
 - fastening material.

For cabinet width [mm]		depth [mm]	Type	Order code	Rails height [mm]	Weight [kg]	Package [pcs]
-	300		PD-Q13-40LBC03	OEZ:35809	40	0.5	1
-	400		PD-Q13-40LBC04	OEZ:35810	40	0.6	1
-	500		PD-Q13-40LBC05	OEZ:35811	40	0.7	1
600	600		PD-Q13-40LBC06	OEZ:35812	40	0.8	1
800	800		PD-Q13-40LBC08	OEZ:35813	40	1.0	1
1 000	1 000		PD-Q13-40LBC10	OEZ:35814	40	1.2	1
-	400		PD-Q13-65LBC04	OEZ:35803	65	0.8	1
-	500		PD-Q13-65LBC05	OEZ:35804	65	0.9	1
600	600		PD-Q13-65LBC06	OEZ:35805	65	1.0	1
800	800		PD-Q13-65LBC08	OEZ:35806	65	1.3	1
1 000	1 000		PD-Q13-65LBC10	OEZ:35807	65	1.5	1
1 200	-		PD-Q13-65LBC12	OEZ:35808	65	1.8	1
-	500		PD-Q13-115LBC05	OEZ:45508	115	1.1	1
600	600		PD-Q13-115LBC06	OEZ:45509	115	1.2	1
800	800		PD-Q13-115LBC08	OEZ:43554	115	1.5	1
1 000	1 000		PD-Q13-115LBC10	OEZ:45510	115	1.8	1
1 200	-		PD-Q13-115LBC12	OEZ:43555	115	2.1	1

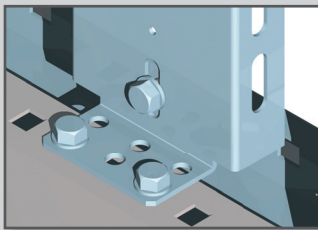
QA ACCESSORIES



Vertical rails

- Used as a load-bearing element for attaching device rails.
 - Fasten to cabinet on side rails or between upper and lower frame perforation using PD-QK-1D, PD-QK-2D brackets.
 - 2 mm formed steel sheet.
 - Height of bend 30 mm.
 - 9 x 30 mm ovals on both sides for mounting device rails.
 - Holes on side for anchoring wiring duct.
 - Galvanised finish.
- The package contains:
 - 1 rail
 - fastening material.

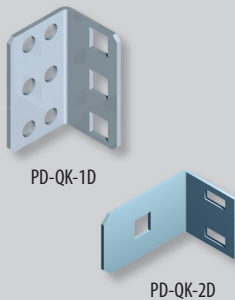
For cabinet height [mm]	Type	Order code	Rail [mm]		Weight [kg]	Package [sets]
			width	length		
2 200	PD-QK-100LV06	OEZ:17632	100	600	1.5	1
	PD-QK-100LV10	OEZ:17633	100	1 000	2.4	1
	PD-QK-100LV12	OEZ:17634	100	1 200	2.9	1
	PD-QK-100LV14	OEZ:17635	100	1 400	3.4	1
	PD-QK-100LV16	OEZ:17636	100	1 600	4.4	1
	PD-QK-100LV17	OEZ:21136	100	1 700	4.8	1
	PD-QK-100LV18	OEZ:17637	100	1 800	5.2	1
	PD-QK-100LV19	OEZ:20736	100	1 900	6.0	1
	PD-QK-100LV21	OEZ:21137	100	2 100	7.0	1
	2 000	PD-QK-50LV10	OEZ:17638	50	1 000	1.7
PD-QK-50LV12		OEZ:17639	50	1 200	2.0	1
PD-QK-50LV16		OEZ:17640	50	1 600	2.7	1
PD-QK-50LV17		OEZ:21138	50	1 700	2.9	1
PD-QK-50LV18		OEZ:17641	50	1 800	3.0	1
PD-QK-50LV19		OEZ:20737	50	1 900	3.5	1
2 200	PD-QK-50LV21	OEZ:20738	50	2 100	4.0	1



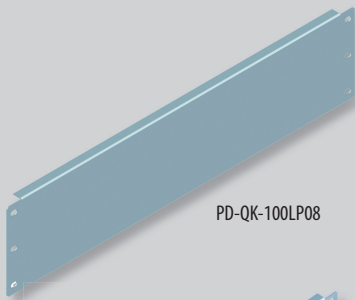
Vertical rail brackets

- For QA55, QA40 cabinets.
 - For fastening vertical rails at the bottom or top.
 - 2.5 mm formed steel sheet.
 - Galvanised finish.
- The package contains:
 - 2 brackets
 - fastening material.

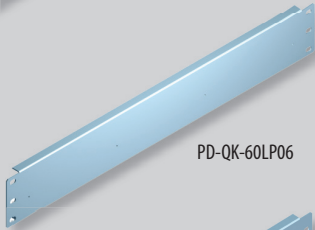
Type	Order code	For rail	Weight [kg]	Package [sets]
PD-QK-1D	OEZ:17642	PD-QK-100LV..	0.2	1
PD-QK-2D	OEZ:35815	PD-QK-50LV..	0.2	1



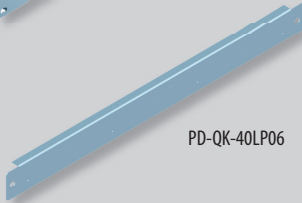
QA ACCESSORIES



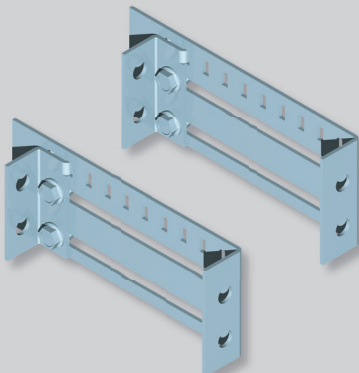
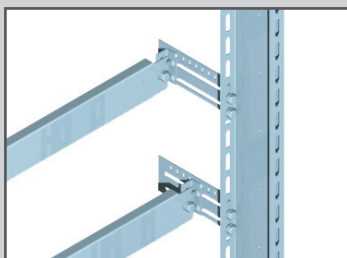
PD-QK-100LP08



PD-QK-60LP06



PD-QK-40LP06



PD-QK-DP1

Device rails

- For QA55, QA40 cabinets.
 - For fastening light and moderately heavy devices on vertical rails.
 - 2 mm steel sheet formed to "U" profile.
 - With 17 mm height of bend.
 - Galvanised finish.
- The package contains:
 - 1 rail
 - fastening material.

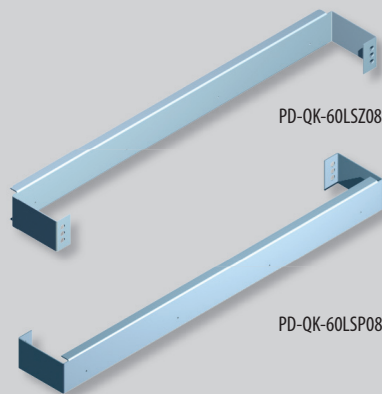
For cabinet width [mm]	Type	Order code	Rails of height [mm]	Weight [kg]	Package [pcs]
600	PD-QK-40LP06	OEZ:17643	40	0.6	1
	PD-QK-60LP06	OEZ:17644	60	0.8	1
	PD-QK-80LP06	OEZ:17645	80	1.0	1
	PD-QK-100LP06	OEZ:17646	100	1.2	1
	PD-QK-120LP06	OEZ:17647	120	1.4	1
	PD-QK-150LP06	OEZ:17648	150	1.6	1
	PD-QK-160LP06	OEZ:17649	160	1.8	1
	PD-QK-200LP06	OEZ:17650	200	2.0	1
800	PD-QK-40LP08	OEZ:17651	40	0.8	1
	PD-QK-60LP08	OEZ:17652	60	1.0	1
	PD-QK-80LP08	OEZ:17653	80	1.2	1
	PD-QK-100LP08	OEZ:17654	100	1.4	1
	PD-QK-120LP08	OEZ:17655	120	1.6	1
	PD-QK-150LP08	OEZ:17656	150	1.8	1
	PD-QK-160LP08	OEZ:17657	160	2.0	1
	PD-QK-200LP08	OEZ:17658	200	2.2	1
1 000	PD-QK-40LP10	OEZ:17659	40	1.0	1
	PD-QK-60LP10	OEZ:17660	60	1.2	1
	PD-QK-80LP10	OEZ:17661	80	1.4	1
	PD-QK-100LP10	OEZ:17662	100	1.6	1
	PD-QK-120LP10	OEZ:17663	120	1.8	1
	PD-QK-150LP10	OEZ:17664	150	2.0	1
	PD-QK-160LP10	OEZ:17665	160	2.2	1
	PD-QK-200LP10	OEZ:17666	200	2.9	1
1 200	PD-QK-80LP12	OEZ:20739	80	1.6	1
	PD-QK-100LP12	OEZ:20740	100	1.8	1
	PD-QK-160LP12	OEZ:20741	160	2.4	1
	PD-QK-200LP12	OEZ:20742	200	2.9	1

Sliding brackets of the device rail

- For creating depth adjustable device rack.
 - Enable fastening of PD-QK-...LP.. device rails to PD-QK-...LV... vertical rails or PD-Q13-M.. modular system at the required depth.
 - Recommended use for PD-QK-...LP..
 - to the height 120 mm 1 set
 - to the height 150 mm 2 sets.
 - Option of offsetting in 12.5 mm increments; offset range from 27 to 143 mm.
 - By rotating plate, fully adjustable from 12 to 124 mm.
- 2.5 mm formed steel sheet.
 - Galvanised finish.
 - The package contains:
 - 2 brackets
 - fastening material.

Type	Order code	Weight [kg]	Package [sets]
PD-QK-DP1	OEZ:20743	0.4	1

QA ACCESSORIES



Front and back terminal rails

- For fastening terminal strips or light devices (e.g. LPN miniature circuit breakers) on vertical rails with 100 mm off set to front or back.
 - 2 mm steel sheet formed to "U" profile, with 17 mm height of bend.
 - On front side 3.2 mm holes \varnothing with 200 mm spacing for "U" rails mounting.
 - Galvanised finish.
- The package contains:
 - 1 rail
 - connection material.

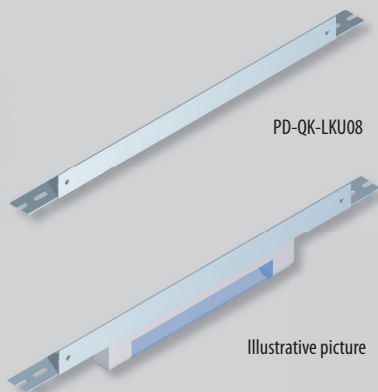
For cabinet width [mm]	Type	Order code	Rail of height [mm]	Rail design	Weight [kg]	Package [pcs]
600	PD-QK-60LSP06	OEZ:19738	60	Front	1.0	1
800	PD-QK-60LSP08	OEZ:19739	60	Front	1.3	1
1 000	PD-QK-60LSP10	OEZ:19740	60	Front	1.6	1
600	PD-QK-60LSZ06	OEZ:19741	60	Rear	1.0	1
800	PD-QK-60LSZ08	OEZ:19742	60	Rear	1.3	1
1 000	PD-QK-60LSZ10	OEZ:19743	60	Rear	1.6	1



Terminal blocks brackets

- For fastening terminal strips at a 30° angle.
 - 2 mm steel sheet, width 20 mm.
 - Galvanised finish.
- The package contains:
 - 1 bracket
 - connection material.

Type	Order code	Holder of height [mm]	Weight [kg]	Package [pcs]
PD-QT-DSM	OEZ:19744	90	0.20	1
PD-QT-DSV	OEZ:19745	160	0.35	1



Rails for cable holders Sonap

- For fastening cables using holders Sonap.
 - For mounting on vertical rails, cabinet bottom frame holes or top perforation as PD-QK-OSL light bracket.
 - 2 mm steel sheet, "L" profile 40 x 40 mm.
 - Galvanised finish.
- The package contains:
 - 1 rail
 - connection material.

For cabinet width [mm]	Type	Order code	Weight [kg]	Package [pcs]
600	PD-QK-LKU06	OEZ:20744	0.7	1
800	PD-QK-LKU08	OEZ:20745	1.0	1
1 000	PD-QK-LKU10	OEZ:20746	1.3	1
1 200	PD-QK-LKU12	OEZ:20747	1.6	1

QA ACCESSORIES

Modular system description

Modular system - modular rails

- PD-Q13-M..

Modular system - vertical outer covers

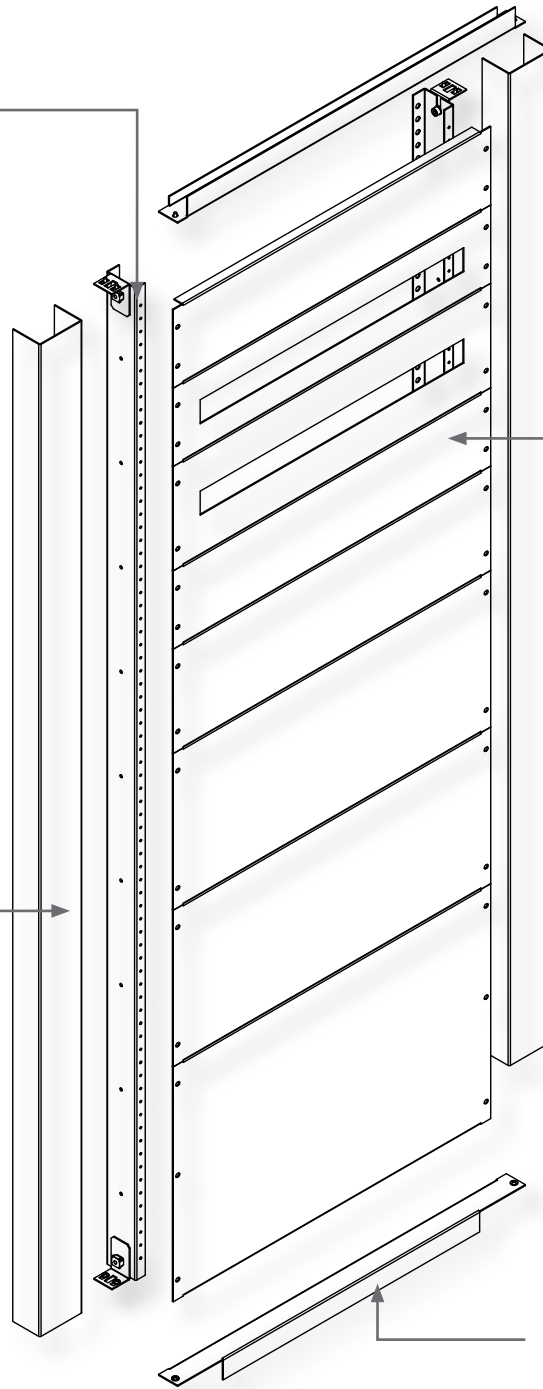
- PD-Q13-KMM..

Modular system - covers

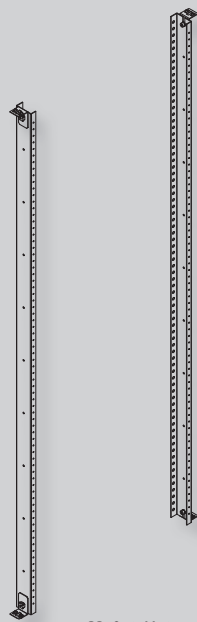
- PD-Q13-KM(V)..

Modular system - horizontal outer covers

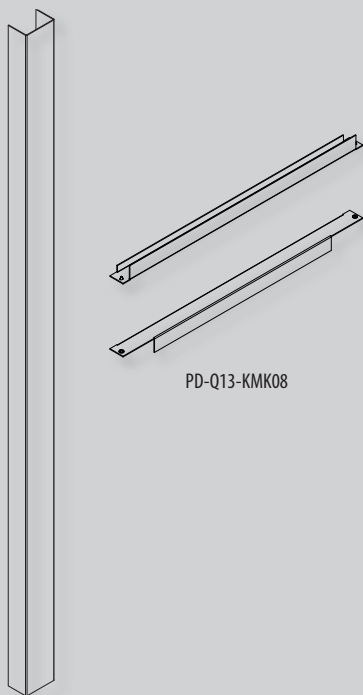
- PD-Q13-KMK..



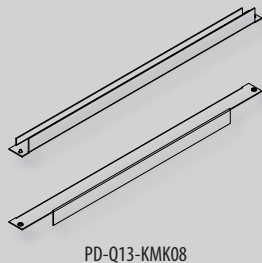
QA ACCESSORIES



PD-Q13-M19



PD-Q13-KMM19



PD-Q13-KMK08

Modular system - modular rails

- For mounting of modular devices.
 - PD-Q13-KM covers are for covering devices from front.
 - Vertical rails are channel formed from 2 mm steel sheet, "U" profile.
 - Galvanised finish.
 - PD-Q13-MxxA rails are for covering of Arion breakers in withdrawable design from front.
- The package contains:
 - 2 vertical rails
 - fastening material.
- "U" rails not included.*

For cabinet height [mm]	Type	Order code	Design	Weight [kg]	Package [sets]
1 800	PD-Q13-M17	OEZ:35816	depth 65 mm	11.2	1
2 000	PD-Q13-M19	OEZ:35817	depth 65 mm	12.2	1
2 200	PD-Q13-M21	OEZ:35818	depth 65 mm	13.1	1
1 800	PD-Q13-M17A	OEZ:35819	for ARION breaker (depth 35 mm)	7.2	1
2 000	PD-Q13-M19A	OEZ:35820	for ARION breaker (depth 35 mm)	7.8	1
2 200	PD-Q13-M21A	OEZ:35821	for ARION breaker (depth 35 mm)	8.4	1

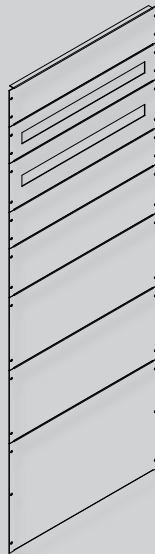
Modular system - outer covers

- In flush-mounting of the modular system it is necessary to use it to reach IP20.
 - Use on sides of the cabinet or as a filler between the cabinets.
- The package contains:
 - 1 vertical outer cover
 - 2 vertical outer covers (top and bottom).

For cabinet height [mm]	Type	Order code	Cover height [mm]	Cover design	Weight [kg]	Package [sets]
1 800	PD-Q13-KMM17	OEZ:36004	–	vertical outer cover	1.17	1
2 000	PD-Q13-KMM19	OEZ:36005	–	vertical outer cover	1.30	1
2 200	PD-Q13-KMM21	OEZ:36006	–	vertical outer cover	1.42	1
600	PD-Q13-KMK06	OEZ:35846	40	horizontal outer covers	0.31	1
800	PD-Q13-KMK08	OEZ:35847	40	horizontal outer covers	0.44	1
1 000	PD-Q13-KMK10	OEZ:35848	40	horizontal outer covers	0.55	1
1 200	PD-Q13-KMK12	OEZ:35849	40	horizontal outer covers	0.70	1

QA ACCESSORIES

PD-Q13-KM01508
 PD-Q13-KMV01508
 PD-Q13-KMV01508
 PD-Q13-KM01508
 PD-Q13-KM02008
 PD-Q13-KM01508
 PD-Q13-KM03008
 PD-Q13-KM04508

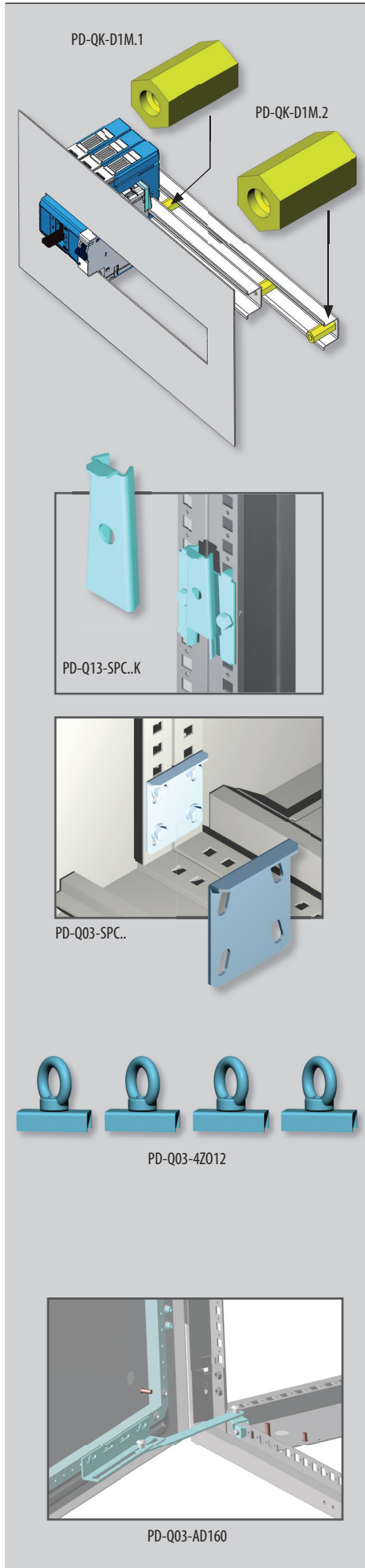


Modular system – covers

- For mounting into the modular system.
 - Plastic with 45 mm cut-out or without cut-out.
 - Total height for covering = (cabinet height - 100 mm).
 - Outer covers are for covering of the remaining parts.
- The package contains:
 - 1 cover
 - fastening material.

For cabinet width [mm]	Type	Order code	Cover height [mm]	Cover design	Cut-out width [mm]	Number of modules 18 mm	Weight [kg]	Package [pcs]
600	PD-Q13-KMV01506	OEZ:35822	150	cut-out 45 mm	385	21	0.23	1
800	PD-Q13-KMV01508	OEZ:35823	150	cut-out 45 mm	583	32	0.27	1
1 000	PD-Q13-KMV01510	OEZ:35824	150	cut-out 45 mm	2x390	42	0.34	1
1 200	PD-Q13-KMV01512	OEZ:35825	150	cut-out 45 mm	3x320	51	0.44	1
600	PD-Q13-KM01506	OEZ:35830	150	without cut-out	–	–	0.25	1
800	PD-Q13-KM01508	OEZ:35831	150	without cut-out	–	–	0.33	1
1 000	PD-Q13-KM01510	OEZ:35832	150	without cut-out	–	–	0.48	1
1 200	PD-Q13-KM01512	OEZ:35833	150	without cut-out	–	–	0.56	1
600	PD-Q13-KMV0206	OEZ:35826	200	cut-out 45 mm	385	21	0.30	1
800	PD-Q13-KMV0208	OEZ:35827	200	cut-out 45 mm	583	32	0.45	1
1 000	PD-Q13-KMV0210	OEZ:35828	200	cut-out 45 mm	2x390	42	0.59	1
1 200	PD-Q13-KMV0212	OEZ:35829	200	cut-out 45 mm	3x320	51	0.74	1
600	PD-Q13-KM02006	OEZ:35834	200	without cut-out	–	–	0.33	1
800	PD-Q13-KM02008	OEZ:35835	200	without cut-out	–	–	0.48	1
1 000	PD-Q13-KM02010	OEZ:35836	200	without cut-out	–	–	0.62	1
1 200	PD-Q13-KM02012	OEZ:35837	200	without cut-out	–	–	0.76	1
600	PD-Q13-KM03006	OEZ:35838	300	without cut-out	–	–	0.46	1
800	PD-Q13-KM03008	OEZ:35839	300	without cut-out	–	–	0.64	1
1 000	PD-Q13-KM03010	OEZ:35840	300	without cut-out	–	–	0.95	1
1 200	PD-Q13-KM03012	OEZ:35841	300	without cut-out	–	–	1.06	1
600	PD-Q13-KM04506	OEZ:35842	450	without cut-out	–	–	0.92	1
800	PD-Q13-KM04508	OEZ:35843	450	without cut-out	–	–	1.30	1
1 000	PD-Q13-KM04510	OEZ:35844	450	without cut-out	–	–	1.80	1
1 200	PD-Q13-KM04512	OEZ:35845	450	without cut-out	–	–	2.20	1

QA ACCESSORIES



Spacers

- For depth off set of BC circuit breakers and joining of profiles with modular devices.
- Used with 15 mm "U" rail.
- Mounting to modular system.
- The package contains:
 - 10 spacers
 - fastening material.

Use	Type	Order code	Spacer			Weight [kg]	Package [sets]
			design	thread	height [mm]		
Joining BC profile and modular devices, mounting on 15 mm "U" rails	PD-QK-D1M51	OEZ:33786	internal threading	M5	19	0.23	1
	PD-QK-D1M61	OEZ:33789	internal threading	M6	19	0.28	1
	PD-QK-D1M81	OEZ:33791	internal threading	M8	19	0.44	1
Off set of BC circuit breakers from modular system of QA cabinets, mounting on 15 mm "U" rail	PD-QK-D1M52	OEZ:33787	internal threading	M5	22	0.26	1
	PD-QK-D1M62	OEZ:33790	internal threading	M6	22	0.31	1
	PD-QK-D1M82	OEZ:33792	internal threading	M8	22	0.47	1

Cabinet joining kits

- For mechanical joining cabinets into groups.
- Galvanised finish.
- The package contains:
 - 6 pcs connectors
 - self-adhesive sealing
 - fastening material.

For cabinet height [mm]	Type	Order code	Weight [kg]	Package [sets]
1 800	PD-Q03-SPC18	OEZ:19749	1.35	1
2 000	PD-Q03-SPC20	OEZ:19750	1.35	1
2 200	PD-Q03-SPC22	OEZ:19751	1.35	1
1 800	PD-Q13-SPC18K	OEZ:35850	1.50	1
2 000	PD-Q13-SPC20K	OEZ:35851	1.50	1
2 200	PD-Q13-SPC22K	OEZ:35852	1.50	1

Lifting lugs

- Screws with M12 threading.
- 250 kg load capacity per lifting lug.
- The package contains:
 - 4 lifting lugs
 - fastening material.

Type	Order code	Weight [kg]	Package [sets]
PD-Q03-4Z012	OEZ:19780	1.21	1

Door catch

- For door opening angle 120°, 160°.
- The package contains:
 - 1 arrestment
 - fastening material.

Type	Order code	Weight [kg]	Package [sets]
PD-Q13-AD160	OEZ:37166	0.27	1

QA ACCESSORIES



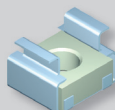
PD-QK-UVD



PD-QK-UVZ



PD-QK-UBB5



PD-QK-M8



PD-QK-DVA06



PD-QK-ARAL7035

Locks

- Swivel door handle inserts serve for quick replacement with another lock insert for the standard issue double-bar 5 mm double-bar 5mm insert.
- The package contains:
 - 1 insert
 - fastening material necessary for replacing original lock.

Type	Order code	Lock design	Weight [kg]	Package [sets]
PD-QK-UVD	OEZ:20748	Insert „D”	0.08	1
PD-QK-UVZ	OEZ:20749	Locking insert	0.08	1
PD-QK-UBD	OEZ:17454	D key (Czech D)	0.05	1
PD-QK-UBB5	OEZ:17455	DB5 key (double-bar 5 mm)	0.04	1

Cage nuts

- The package contains:
 - 1 nut.

Type	Order code	Nut design	For hole [mm]	Weight [kg]	Package [pcs]
PD-QK-M6	OEZ:17432	M6	8.3 x 8.3	0.005	1
PD-QK-M8	OEZ:17433	M8	12.3 x 12.3	0.008	1
PD-QK-M10	OEZ:17434	M10	12.3 x 12.3	0.010	1

Data pockets

- The package contains:
 - 1 data pocket.

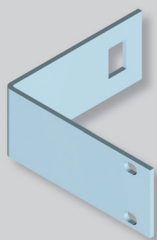
Type	Order code	Design	Weight [kg]	Package [pcs]
PD-QK-DVA4PS	OEZ:34377	plastic, self-adhesive	0.15	1
PD-QK-DVA06	OEZ:35854	screwed for 600 mm cabinet width	0.15	1
PD-QK-DVA08	OEZ:35855	screwed for 800 mm cabinet width	0.15	1

Repair vanishes

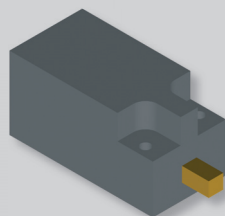
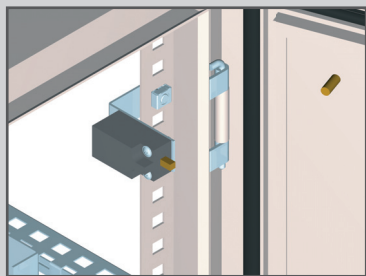
- For small paint corrections or treating edges of additionally created openings.
- Aerosol can.
- Fast drying.
- Colour RAL 7035.
- Contents 400 ml.
- The package contains:
 - 1 aerosol can.

Type	Order code	Weight [kg]	Package [sets]
PD-QK-ARAL7035	OEZ:20407	0.52	1

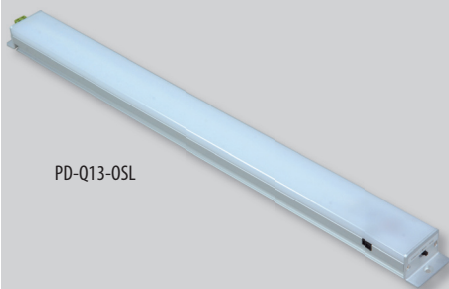
QA ACCESSORIES



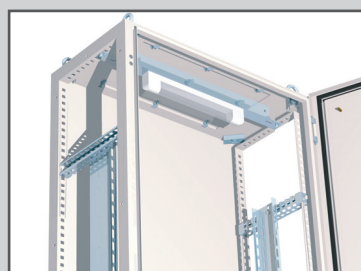
PD-Q13-DSK



PD-QK-SK11



PD-Q13-OSL



Illustrative picture

Door switch brackets

- For mounting PD-QK-SK11 door switch.
- Galvanised finish.
- The package contains:
 - 1 holder
 - fastening material.

Type	Order code	Weight [kg]	Package [sets]
PD-Q13-DSK	OEZ:35853	0.2	1

Door switch

- For mounting to QA55 and QA40 cabinets, it is necessary to use a PD-Q13-DSK door switch holder.
- 1 make and 1 break contact.
- For lighting, climate control and other circuits.
- AC 15; AC 400 V; 1.8 A; U, 500 V.
- The package contains:
 - 1 door switch
 - fastening material.

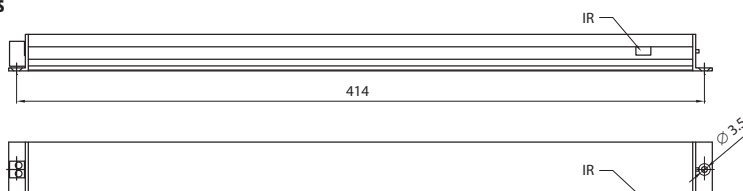
Type	Order code	Weight [kg]	Package [sets]
PD-QK-SK11	OEZ:20751	0.1	1

Light

- For switchboard lighting.
- LED.
- 4 W; AC 230 V.
- Mode switch:
 - MODE 1, MODE 2 - IR sensor control
 - CONSTANT – permanently switched on, e.g. door switch control
- IR sensor.
- Removable terminal block for Cu conductors 0.5 ÷ 2.5 mm² connection.
- Rail for cable holders Sonap PD-QK-LKU... is used for fastening at the top.
- The package contains:
 - 1 light
 - fastening material.

Type	Order code	Weight [kg]	Package [sets]
PD-Q13-OSL	OEZ:44377	0.24	1

Dimensions



QA ACCESSORIES

Spare parts

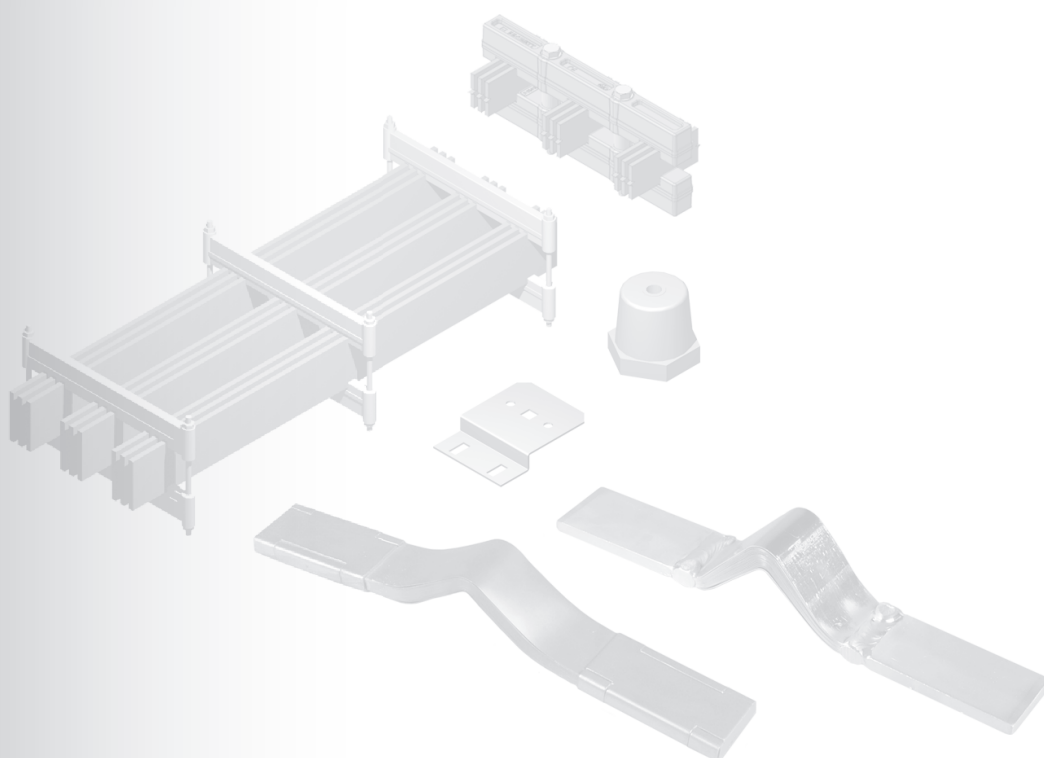
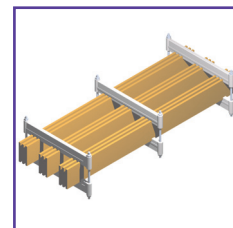
Type	Order code	Description	Weight [kg]	Package [pcs]
ND-Q13-PD	OEZ:45484	Hinge for QA, fastening material, 1 pc	0.15	1
ND-Q13-ZT	OEZ:45485	Closing rods stop for QA single door, fastening material, 1 pc	0.03	1
ND-Q13-UMECH	OEZ:45486	Closing mechanism for QA, fastening material	0.15	1
ND-Q13-UVED	OEZ:45487	Tie rod guide for closing of QA, set of 2 plastic parts and nuts	0.01	1
ND-Q13-UK	OEZ:37848	Swivel door handle for QA, 1 pc	0.10	1
ND-Q13-DZK	OEZ:41368	Rear cover holder for QA, fastening material, 1 pc	0.01	1
ND-Q13-UVDB5	OEZ:38751	Inserts DB5 for swivel handle, for QA	0.08	1
ND-Q13-DA1	OEZ:34171	Mounting plate holder, fastening material, set of 4 pcs	1.70	1
ND-Q11-KH0604	OEZ:39237	Upper cover, IP55, for QA55(40)-..0604	1.60	1
ND-Q11-KH0605	OEZ:39248	Upper cover, IP55, for QA55(40)-..0605	2.10	1
ND-Q11-KH0606	OEZ:41360	Upper cover, IP55, for QA55(40)-..0606	2.60	1
ND-Q11-KH0804	OEZ:43053	Upper cover, IP55, for QA55(40)-..0804	2.40	1
ND-Q11-KH0806	OEZ:41507	Upper cover, IP55, for QA55(40)-..0806	4.60	1
ND-Q11-KH0808	OEZ:39857	Upper cover, IP55, for QA55(40)-..0808	5.40	1
ND-Q11-KH1004	OEZ:41535	Upper cover, IP55, for QA55(40)-..1004, sets of 2 pcs	3.00	1
ND-Q11-KH1005	OEZ:44571	Upper cover, IP55, for QA55(40)-..1005, sets of 2 pcs	3.90	1
ND-Q11-KH1006	OEZ:43849	Upper cover, IP55, for QA55(40)-..1006, sets of 2 pcs	4.80	1

NOTES

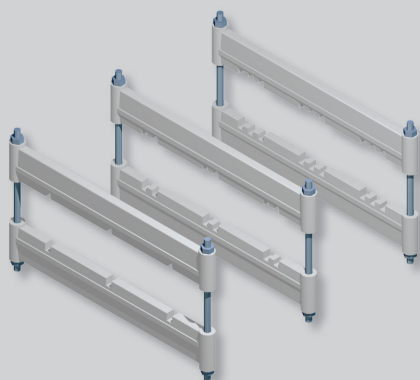
A large grid of small dots for taking notes, covering the majority of the page area below the 'NOTES' header.

- ❑ **Busbar supports DELTA**.....E2
- ❑ **Busbar supports DELTA...C**.....E3
- ❑ **Rails for fixing DELTA and DELTA...C supports**.....E4
- ❑ **Support insulators**.....E5
- ❑ **Support insulator brackets**.....E6
- ❑ **Flexible connectors**.....E7
- ❑ **Busbar systems supports with spacing 100 and 185 mm**.....E8
- ❑ **Busbar systems supports with spacing 60 mm**.....E10
- ❑ **Busbar system cover SAP**.....E14
- ❑ **Pressing-in nuts**.....E15

BUSBAR SYSTEMS



BUSBAR SUPPORTS DELTA



PD-QK-DELTA310

Basic description

- System is for constructing busbar systems with rated currents up to 6 300 A and rated peak short-circuit currents up to 240 kA in QA cabinets.
- Support is made from highly sturdy fibre-reinforced thermoplastic polyester.
- Two metal connectors with M10 threading and spacing of 375 mm used to tighten supports onto busbars and anchor assembly into the structure.
- Considering their external dimensions, can be used for horizontal placement in cabinets with depths 600 mm and larger.
- For fastening in QA cabinets use rails PD-Q13-45LBDxx or PD-Q13-65LBDxx.
- Mounting busbars in supports:
 - nuts are tightened along width of middle bracket
 - nuts are tightened only 1.5 revolutions.
- PD-QK-DELTAx10 package contains:
 - 2 supports
 - 2 bolts 230 mm
 - fastening material (nut).
- PD-QK-DELTAx10/10 package contains:
 - 20 supports
 - 20 bolts 230 mm
 - fastening material (nut).

270 mm bolts are ordered separately for a busbars width of 120 mm.

Type	Order code	Number of busbars in phase	Minimum busbar dimensions		Maximum busbar dimensions		Weight [kg]	Package [pcs]
			thickness [mm]	width [mm]	thickness [mm]	width [mm]		
PD-QK-DELTA110	OEZ:17445	1	10	40	10	120	1.50	1
PD-QK-DELTA210	OEZ:17446	2	10	40	10	120	1.45	1
PD-QK-DELTA310	OEZ:17447	3	10	40	10	120	1.40	1
PD-QK-DELTA110/10	OEZ:35856	1	10	40	10	120	15.00	1
PD-QK-DELTA210/10	OEZ:35857	2	10	40	10	120	14.50	1
PD-QK-DELTA310/10	OEZ:35858	3	10	40	10	120	14.00	1

Specifications

Type	PD-QK-DELTA110, PD-QK-DELTA210, PD-QK-DELTA310
Operating voltage	1 000 V
Operating temperature	- 40 ÷ + 130 °C
External breakdown voltage	20 kV
Phase spacing	120 mm
Permissible bending strength	0.6 kN
Permissible tensile strength	20 kN
Critical tensile strength	40 kN
Flammability rating class	UL94 - V0
Colour	RAL7032

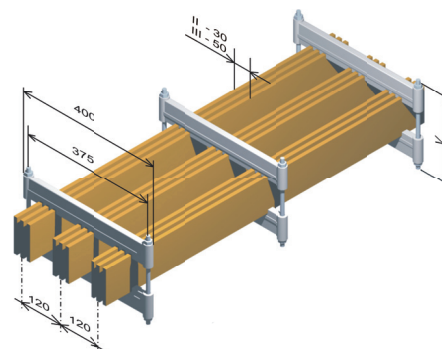
Screw bolts for DELTA busbar supports

- For joining and fastening DELTA busbar supports.
- The package contains:
 - 2 screw bolts.

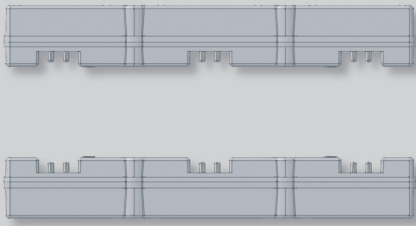
Type	Order code	Screw bolt thread	Connector length [mm]	Weight [kg]	Package [pcs]
PD-QK-SV270	OEZ:20159	M10	270	0.16	1

Mounting dimensions

Length/type of screw bolt	Busbar dimensions		Assembly height
	thickness [mm]	width [mm]	V [mm]
230 mm Part of set PD-QK-DELTA...	10	40	180
	10	50	170
	10	60	180
	10	80	200
270 mm PD-QK-SV270	10	120	240



BUSBAR SUPPORTS DELTA...C



PD-QK-DELTA305C

Basic description

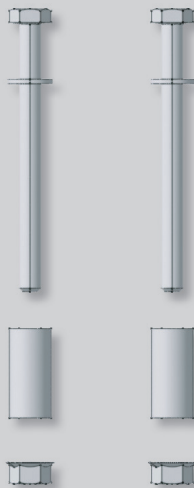
- Support is made from highly sturdy fibre-reinforced thermoplastic polyester.
- Mounting set containing two metal connectors with M10 threading and spacers according to busbar size used to tighten supports onto busbars and anchor assembly into the structure.
- For fastening in QA cabinets use rails PD-Q13-45LBDxx or PD-Q13-65LBDxx.
- For fixing the screw head in the rails ..LBD.. it is possible to use the locking washers PD-QK-MLBD.
- 100 mm spacing of connectors for anchoring.
- 272 mm width of rail allows use in horizontal placement in cabinets with depth of 400 mm and greater.
- The package contains:
 - 2 supports.

Mounting set is ordered separately.

Type	Order code	Number of busbars in phase	Minimum busbar dimensions		Maximum busbar dimensions		Weight [kg]	Package [pcs]
			thickness [mm]	width [mm]	thickness [mm]	width [mm]		
PD-QK-DELTA110C	OEZ:20752	1	10	30	10	125	1.1	1
PD-QK-DELTA210C	OEZ:20753	2	10	30	10	125	1.1	1
PD-QK-DELTA305C	OEZ:20754	3	5	30	5	125	1.1	1

Specifications

Type	PD-QK-DELTA110C, PD-QK-DELTA210C, PD-QK-DELTA305C
Operating voltage	1 200 V
Operating temperature	- 40 ÷ + 130 °C
Rated withstand voltage	12 kV
Phase spacing	100 mm
Weight of rail group	1100 g
Capacity of group	80 kg
Permissible tensile strength	16 kN
Critical tensile strength	22 kN
Flammability rating class	UL94 - V0 kN
Tightening torque of nuts in group	15 N/m
Colour	RAL7032



PD-QK-DS50

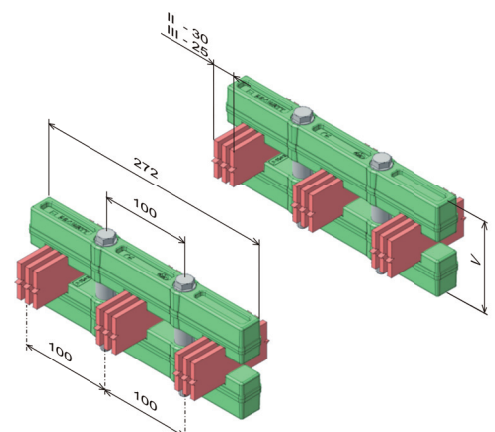
Mounting sets

- For joining and fastening DELTA...C busbar supports.
- The package contains:
 - 2 screw bolts
 - 2 spacers
 - fastening material.

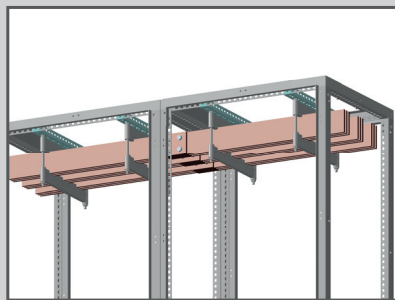
Busbar height [mm]	Type	Order code	Screw bolt thread	Assembly height [mm]	Weight [kg]	Package [pcs]
30	PD-QK-DS30	OEZ:20755	M10	90	0.3	1
40	PD-QK-DS40	OEZ:20756	M10	100	0.3	1
50	PD-QK-DS50	OEZ:20757	M10	110	0.3	1
60	PD-QK-DS60	OEZ:20758	M10	120	0.3	1
80	PD-QK-DS80	OEZ:20759	M10	140	0.3	1
100	PD-QK-DS100	OEZ:20760	M10	160	0.3	1
120	PD-QK-DS120	OEZ:20761	M10	180	0.3	1

Mounting dimensions

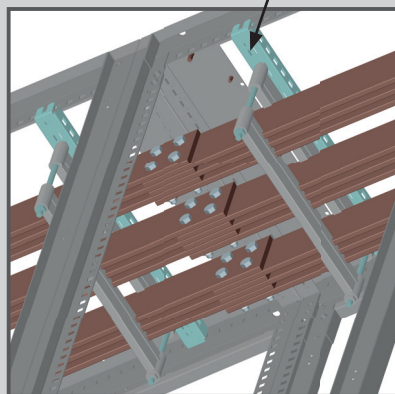
Busbars width [mm]	Assembly height V [mm]
30	90
40	100
50	110
60	120
80	140
100	160
120	180



RAILS FOR FIXING DELTA AND DELTA...C SUPPORTS



PD-Q13-45LBD08



Basic description

- For the supports of main busbars DELTA and DELTA...C.
- For simple installation of the main busbars.
- Asymmetric perforation of the rail for easy connection of the main busbars.
- The package contains:
 - 1 rail
 - fastening material.

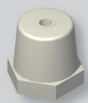
For cabinet depth [mm]	Type	Order code	Rail height [mm]	Weight [kg]	Package [pcs]
400	PD-Q13-45LBD04	OEZ:37167	40	0.5	1
500	PD-Q13-45LBD05	OEZ:37168	40	0.6	1
600	PD-Q13-45LBD06	OEZ:37169	40	0.7	1
800	PD-Q13-45LBD08	OEZ:37170	40	0.9	1
1 000	PD-Q13-45LBD10	OEZ:37171	40	1.0	1
400	PD-Q13-65LBD04	OEZ:45511	65	0.7	1
500	PD-Q13-65LBD05	OEZ:45512	65	0.9	1
600	PD-Q13-65LBD06	OEZ:45513	65	1.1	1
800	PD-Q13-65LBD08	OEZ:45514	65	1.3	1
1 000	PD-Q13-65LBD10	OEZ:45515	65	1.5	1

Locking washer

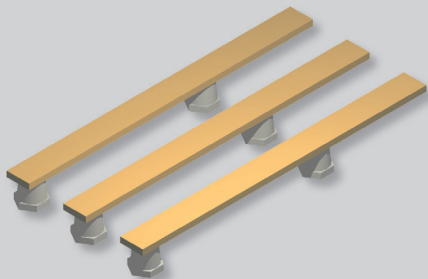
- For mounting PD-QK-DELTA...C on PD-Q13-45LBD.. rails.
- The package contains:
 - 10 washers.

Type	Order code	Weight [kg]	Package [pcs]
PD-QK-MLBD	OEZ:38558	0.3	1

SUPPORT INSULATORS



PD-QK-PW40M..



Basic description

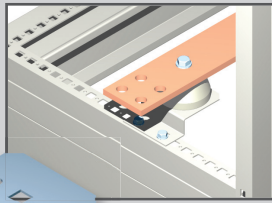
- For fastening busbars into the switchboard cabinet.
- Busbar dimensions: 30 x 5 mm minimum
120 x 10 mm maximum.
- Produced from glass fibre-reinforced thermoset or thermoplastic.
- M8, M10 and M12 threaded spacers.
- PD-QK-PW40Mxx package contains:
– 1 support insulator.
- PD-QK-PW40Mxx/100 package contains:
– 100 support insulators.

Type	Order code	Threaded insert	Support height [mm]	Weight [kg]	Package [pcs]
PD-QK-PW40M8	OEZ:17440	M8	40	0.10	1
PD-QK-PW40M10	OEZ:17441	M10	40	0.10	1
PD-QK-PW40M12	OEZ:17442	M12	40	0.10	1
PD-QK-PW40M8/100	OEZ:35859	M8	40	10	1
PD-QK-PW40M10/100	OEZ:35860	M10	40	10	1
PD-QK-PW40M12/100	OEZ:35861	M12	40	10	1

Specifications

Type	PD-QK-PW40..
Operating voltage	1 000 V
Operating temperature	-40 ÷ +130 °C
External breakdown voltage	8 kV
Internal breakdown voltage	20 kV
Permissible bending strength	10 kN
Permissible tensile strength	12 kN
Permissible torsion strength	100 N/m
Flammability rating class	UL94 - V0

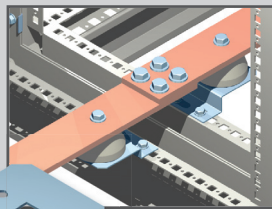
SUPPORT INSULATOR BRACKETS



PD-QK-DIVV1

- For mounting PD-QK-PW40M8 support insulators.
- Recess 20 mm.
- 2 mm steel sheet.
- Galvanised finish.
- Support insulator affixed on □ 12.5 mm hole.
- Bracket affixed to frame on two 9 x 20 mm holes.
- The package contains:
 - 1 bracket.

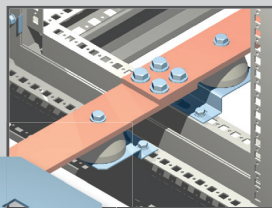
Type	Order code	Recess [mm]	Weight [kg]	Package [pcs]
PD-QK-DIVV1	OEZ:17437	20	0.3	1



PD-QK-DIVV2

- For mounting PD-QK-PW40M8 support insulators.
- Recess 30 mm.
- 2 mm steel sheet.
- Galvanised finish.
- Support insulator affixed on □ 12.5 mm hole.
- Bracket affixed to frame on two 9 x 20 mm holes.
- The package contains:
 - 1 bracket.

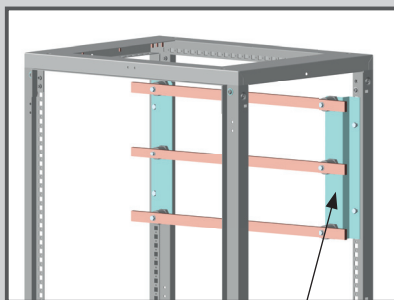
Type	Order code	Recess [mm]	Weight [kg]	Package [pcs]
PD-QK-DIVV2	OEZ:17438	30	0.3	1



PD-QK-DIVV3

- For mounting PD-QK-PW40M8 support insulators.
- Recess 25 mm.
- 2 mm steel sheet.
- Galvanised finish.
- Support insulator affixed on □ 12.5 mm hole.
- Bracket affixed to frame on two 9 x 20 mm holes.
- The package contains:
 - 1 bracket.

Type	Order code	Recess [mm]	Weight [kg]	Package [pcs]
PD-QK-DIVV3	OEZ:37172	25	0.3	1



PD-Q13-DIM3-185

- For the busbar system supports D100/185 or 3x (6x) supporting insulator PD-QK-PW40...
- For busbar system with busbar spacing 185 or 100 mm.
- The package contains:
 - 1 bracket.

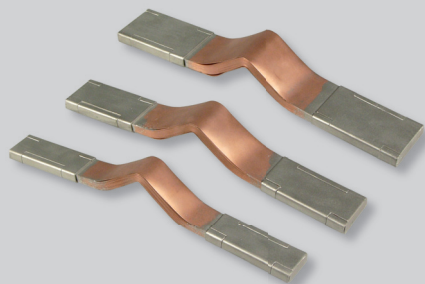
Type	Order code	Weight [kg]	Package [pcs]
PD-Q13-DIM3-185	OEZ:37173	0.16	1

PE bracket with earthing

- PE protective conductor holder.
- The package contains:
 - 2 brackets.

Type	Order code	Weight [kg]	Package [pcs]
PD-Q13-DIZ1	OEZ:39581	0.3	1

FLEXIBLE CONNECTORS

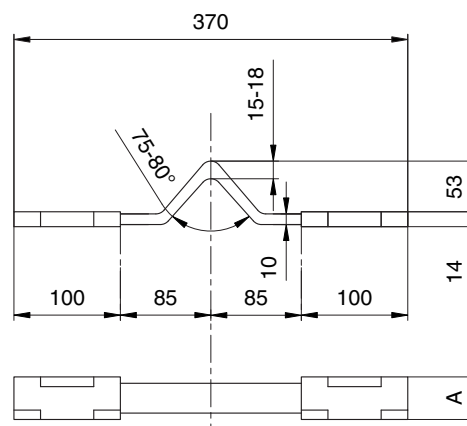


PS-CU 40/10
PS-CU 50/10
PS-CU 60/10

Basic description

- Supplied without holes (drilled upon mounting).
- For bars wider than 60 mm, 2 connectors are used side-by-side.
- For determination of rated currents of the flexible connectors it is necessary to follow relevant rating and protection regulations.
- Contact surfaces are tin plated.
- The package contains:
 - 1 flexible connector.

PS-CU copper elastic connectors

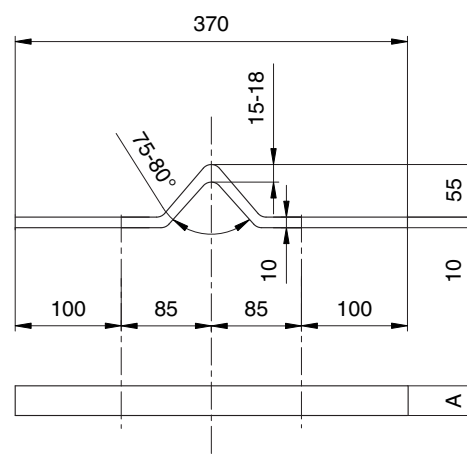


Type	Order code	Min. cross section [mm ²]	Width of foot (size A) [mm]	Weight [kg]	Package [pcs]
PS-CU 40/10	OEZ:07447	360	40	1.5	1
PS-CU 50/10	OEZ:07448	460	50	2.0	1
PS-CU 60/10	OEZ:07449	560	60	2.6	1

PS-AL aluminium elastic connectors



PS-AL 40/10



Type	Order code	Min. cross section [mm ²]	Width of foot (size A) [mm]	Weight [kg]	Package [pcs]
PS-AL 40/10	OEZ:07444	400	40	0.5	1
PS-AL 50/10	OEZ:07445	500	50	0.6	1
PS-AL 60/10	OEZ:07446	600	60	0.7	1

BUSBAR SYSTEMS SUPPORTS WITH SPACING 100 AND 185 mm



D100/185



KD-D100/185

Basic description

- Busbar system supports D100/185 is intended for busbar fastening in distribution boxes and low-voltage systems. The busbar system support is made of glass reinforced polyester. The support design as well as material provide high resistance to dynamic effects of short-circuit current.
- Low structural height and easy mounting.
- For busbar systems with spacing 100 and 185 mm.
- Possibility of protection by a front cover.
- The package contains:
 - 1 bracket.

Type	Order code	U _n [V]	Busbar spacing	For screws	Depths of thread [mm]	Weight [kg]	Package [pcs]
D100/185	OEZ:08722	690	100/185	M10	14 mm	0.480	1

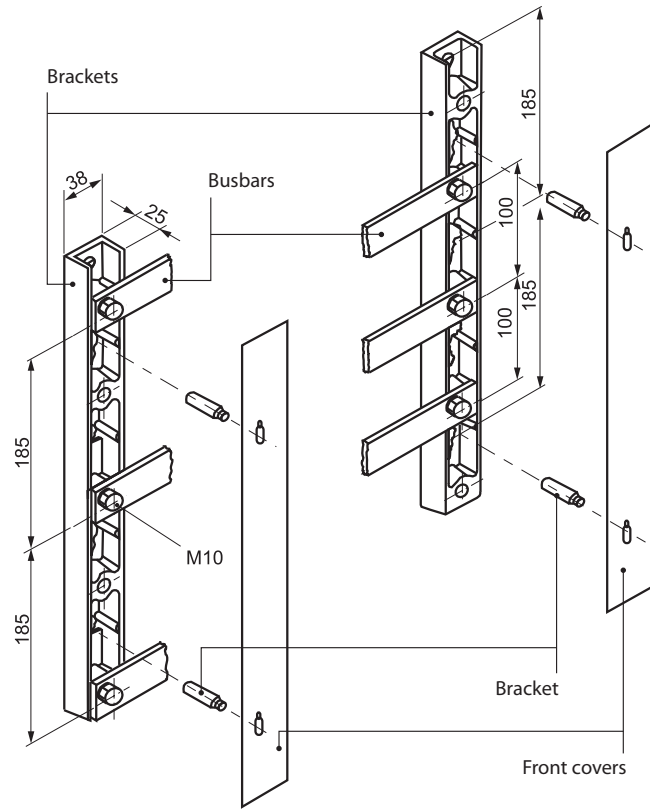
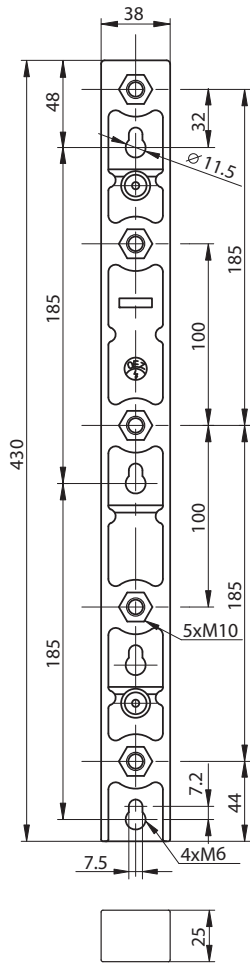
Accessories

- The package contains:
 - 1 cover
 - fastening material.

Description	Type	Order code	Weight [kg]	Package [pcs]
Front cover	KD-D100/185	OEZ:08699	0.110	1

BUSBAR SYSTEMS SUPPORTS WITH SPACING 100 AND 185 mm

Dimensions



BUSBAR SYSTEMS SUPPORTS WITH SPACING 60 mm



SST-60/49-5



A-SST-60/49-5

Basic description

- Busbar systems supports SST-60/49-... are intended for mechanical mounting of 3 or 5 busbars (3L+PE+N) in cable distribution boxes and in LV busbar systems with spacing 60 mm.
- The busbar system supports are universal, and can be used for busbars:
 - thickness: 5 or 10 mm
 - width: 12, 20, 25 or 30 mm
 - width PE/N: 12 or 20 mm
 - number of busbars: 3 or 3+PE+N.
- The package contains:
 - 1 bracket.

Type	Order code	Number of busbars	Weight [kg]	Package [pcs]
SST-60/49-3	OEZ:09030	3L	0.140	1
SST-60/49-5	OEZ:09032	3L+PE+N	0.160	1

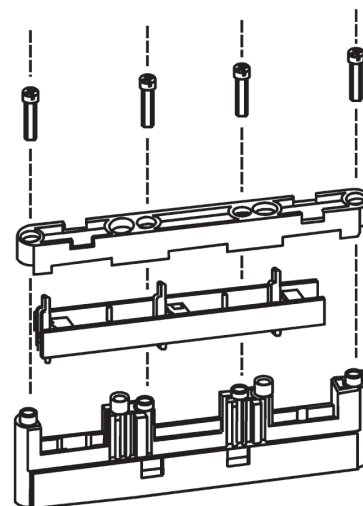
Accessories

- The package contains:
 - 1 cover.

Description	Type	Order code	Weight [kg]	Package [pcs]
Side cover for SST-60/49-3 busbar systems support	A-SST-60/49-3	OEZ:09031	0.030	1
Side cover for SST-60/49-5 busbar systems supports	A-SST-60/49-5	OEZ:10405	0.040	1

Dimensions

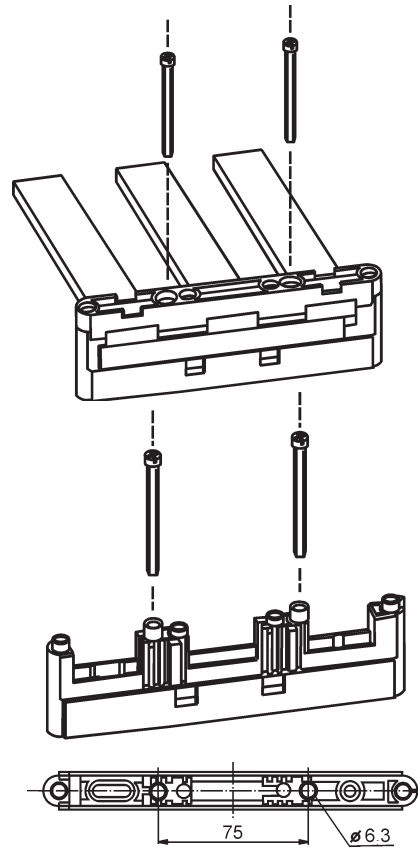
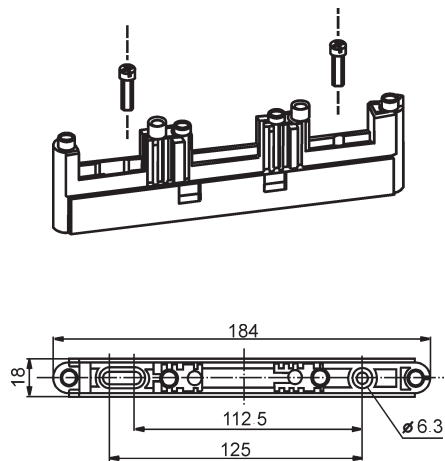
SST-60/49-3



BUSBAR SYSTEMS SUPPORTS WITH SPACING 60 mm

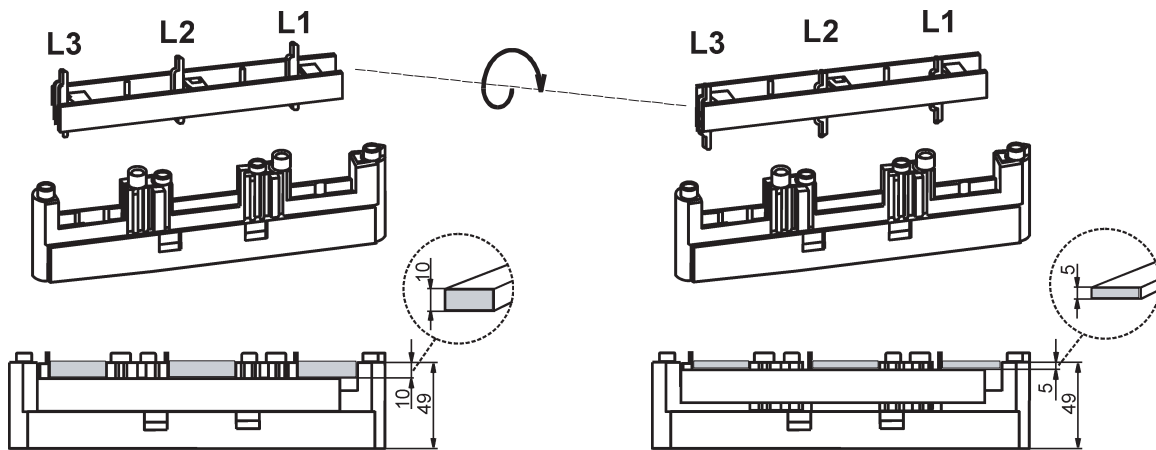
Dimensions

Methods of mounting SST-60/49-3 in the switchboard with two screws M6

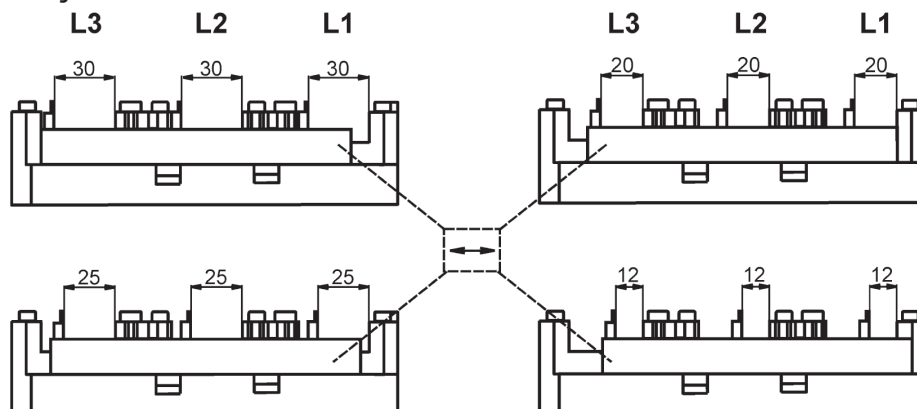


SST-60/49-3

Busbar thickness setting



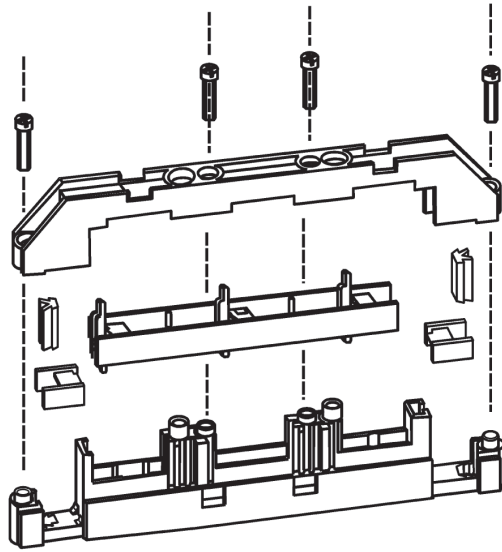
Busbar width setting



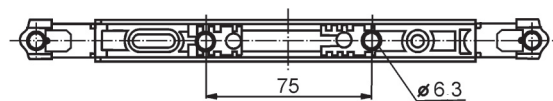
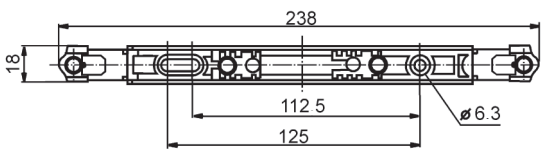
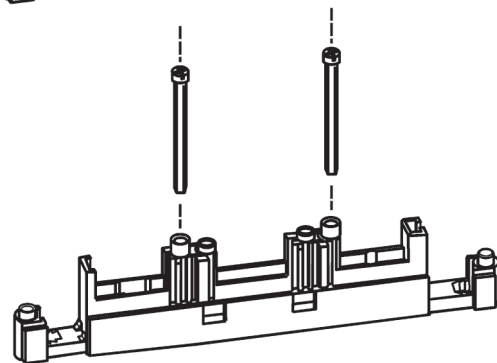
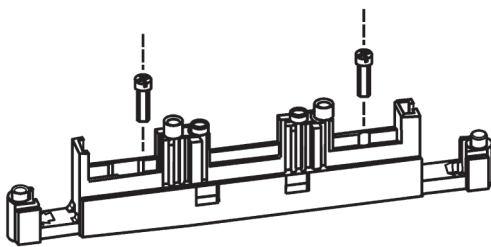
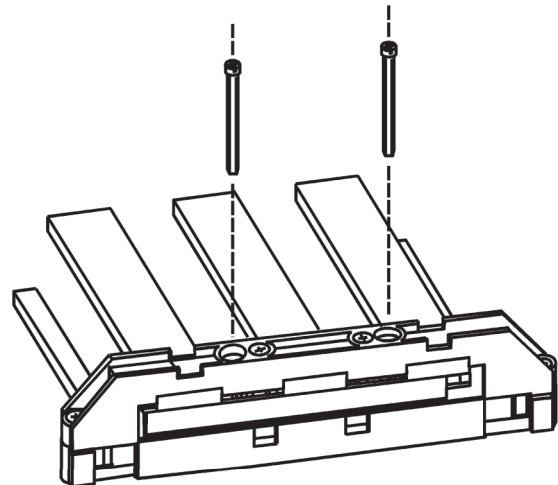
BUSBAR SYSTEMS SUPPORTS WITH SPACING 60 mm

Dimensions

SST-60/49-5



Methods of mounting SST-60/49-5 in the switchboard with two screws M6

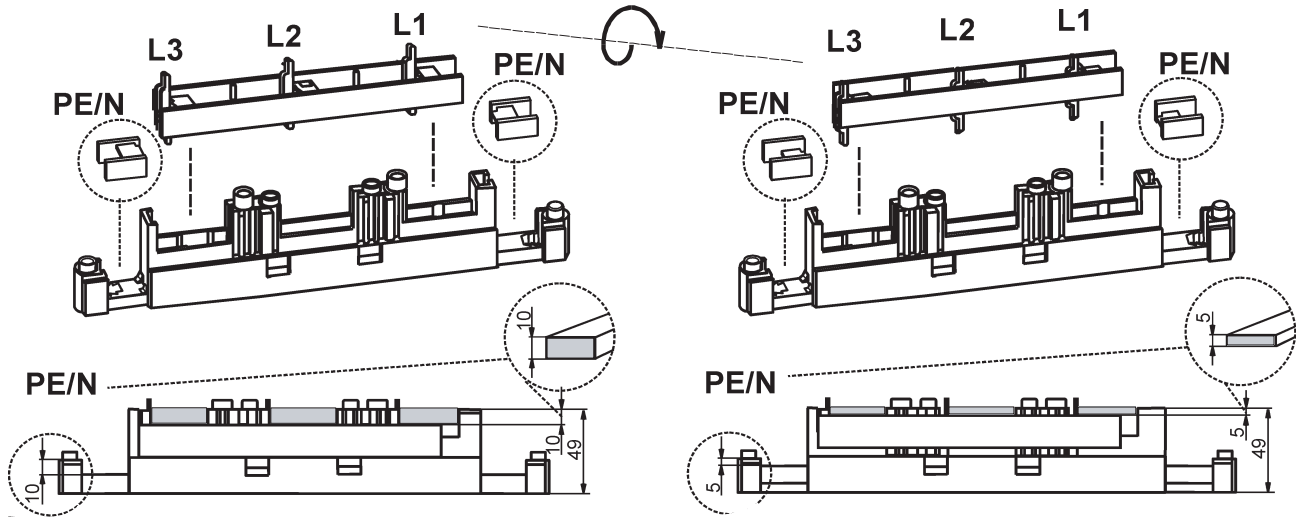


BUSBAR SYSTEMS SUPPORTS WITH SPACING 60 mm

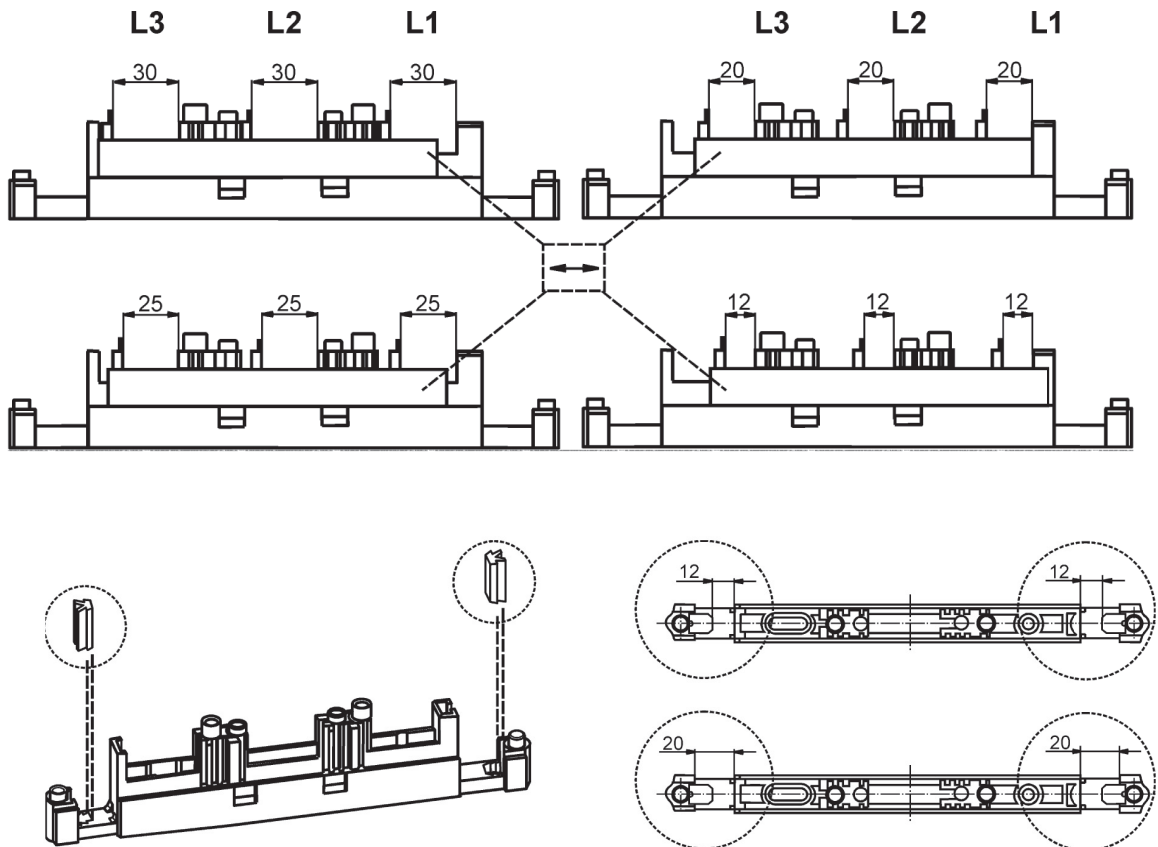
Dimensions

SST-40/69-5

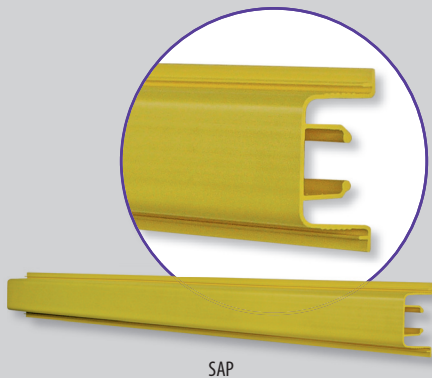
Busbar thickness setting



Busbar width setting



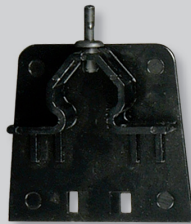
BUSBAR SYSTEM COVER SAP



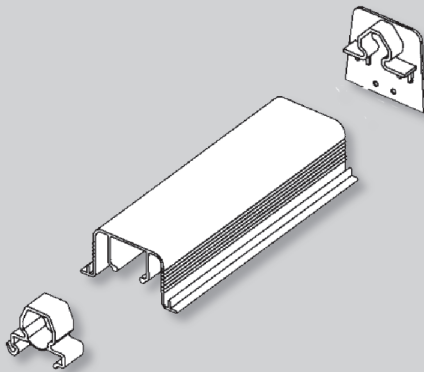
SAP



C30/10



SEA



Basic description

- Busbar system cover SAP is universal for all types of flat busbars used in LV distribution systems. It is made from hardly flammable, self-extinguishing hard PVC in yellow colour.
- It meets BGI A3 regulations.
- It is delivered in length 1.2 m.
- Fast and easy mounting.
- Use only in combination with busbar system supports with spacing 100 and 185 mm.
- The package contains:
 - 1 bracket.

Type	Order code	Length [m]	Weight [kg]	Package [pcs]
SAP	OEZ:00322	1.2	0.820	1

Accessories

- The package contains:
 - 24 clips.

Description	Type	Order code	Weight [kg]	Package [pcs]
Fastening clips made of polyphenyloxide (Noryl)	C30/6	OEZ:00331	0.008	24
	C30/10	OEZ:00332	0.008	24
	C40/10	OEZ:00333	0.010	24
	C50/10	OEZ:00334	0.010	24
	C50/12	OEZ:00335	0.015	24
	C60/10	OEZ:00336	0.020	24

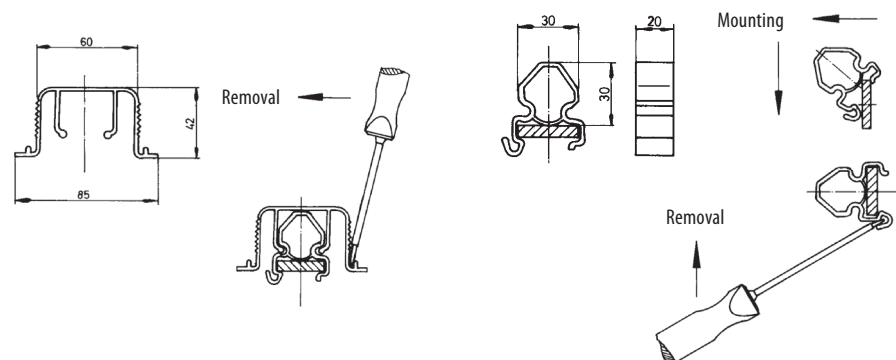
Description	Type	Order code	Weight [kg]	Package [pcs]
Side busbar covers made of self-extinguishing polycarbonate in black colour	SEA	OEZ:07839	0.018	12

Specifications

Fastening clips

Type	Busbar dimensions [mm]
C30/6	30 x 5
C30/10	30 x 6
C40/10	40 x 10
C50/10	50 x 10
C50/12	50 x 12
C60/10	60 x 10

Dimensions



PRESSING-IN NUTS



ZM10

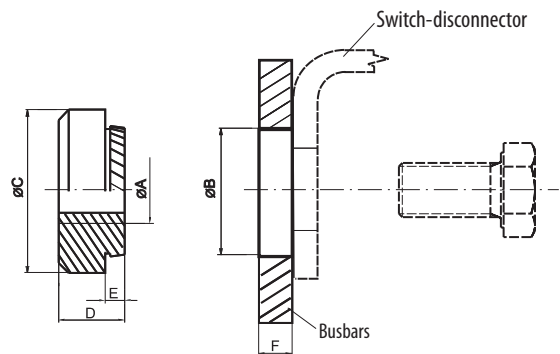
Basic description

- Pressed-in nuts ZM enable making a thread in busbars. They are intended for making mechanical joint only. Pressing-in can be carried out also by a hand press.
- The package contains: – 1 nuts.

Pressing-in nut

Type	Order code	Thread	Weight [kg]	Torque max. Nm	Package [pcs]	Pressing height [mm]
ZM8	OEZ:11870	M8	0.004	10	1/200	1.9
ZM8-V	OEZ:35373	M8	0.005	10	1/200	3.9
ZM10	OEZ:11233	M10	0.006	32	1/200	1.9
ZM10-V	OEZ:35374	M10	0.080	32	1/200	3.9
ZM12-V	OEZ:11234	M12	0.010	32	1/200	3.9

Dimensions



Type	∅ A	∅ B [mm]	∅ C [mm]	D [mm]	E [mm]	F min [N]
ZM8	M8	10.0 ^{±0.1}	14	6.5	1.9	2
ZM8-V	M8	10.0 ^{±0.1}	14	10.0	3.9	4
ZM10	M10	12.5 ^{±0.1}	16	6.5	1.9	4
ZM10-V	M10	12.5 ^{±0.1}	16	10.0	3.9	4
ZM12-V	M12	15.0 ^{±0.1}	18	10.0	3.9	4

NOTES

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GLOSSARY

Name	Symbol	Interpretation
Rated current EN 61439-1	I_n	Rated current is a value of current, declared by the ASSEMBLY manufacturer which can be carried without the temperature-rise of various parts of the assembly exceeding specified limits under specified conditions.
Rated short-time withstand current EN 61439-1	I_{cw}	Rated short-time withstand current is a r.m.s value of short-time current, declared by the ASSEMBLY manufacturer, that can be withstood under specified conditions, defined in terms of a current and time.
Rated peak withstand current EN 61439-1	I_{pk}	Rated peak withstand current is a value of peak short-circuit current, declared by the ASSEMBLY manufacturer, that can be withstood under specified conditions.
Initial maximum asymmetric short-circuit current EN 60909-0	I_k''	Initial maximum asymmetric short-circuit current is a value of short-circuit current at the moment of its origin in given place of an electrical circuit, expressed as root-mean-square value of alternating symmetric component of the assumed short-circuit current.
Maximum asymmetric short-circuit current EN 60909-0	i_p	Maximum asymmetric short-circuit current is a maximum immediate value of assumed short-circuit current. (It corresponds to the moment of origin of the short circuit, which results in the biggest peak value of the short-circuit current).
"U" rail		"U" rail TH 35-7,5 according to EN 60715, delivered in distribution boards. Formerly called DIN rail of width 35 mm.
Fire resistance EI₁ 20 / EI₂ 30/ EW 60 EN 13 501-2		<p>Combination of these identification letters is in case of need used as part of classification. It is completed by time in whole expired minutes, closest to a lower class, after which functional requirements were observed.</p> <p>EI - Classification time, after which criteria of integrity and insulation were observed.</p> <p>W - optional parameter of radiation behaviour states, whether the criterion of 15 kW/m² was observed.</p> <p>E - integrity - ability of an element with isolating property to resist fire action from only one side without transfer of the fire onto the unexposed side due to penetration of flame or hot gases which can cause ignition of the unexposed surface or of any material in its vicinity.</p> <p>I - isolation - ability of a structural element to resist fire action from only one side without transfer of the fire due to significant transfer of heat from the exposed onto the unexposed side. The transfer shall be limited so that neither the unexposed side nor any material in its vicinity ignites. The element shall also create a heat barrier able to protect persons in its vicinity. Isolation classification is stated by means of indexes 1 and 2.</p> <p>W - radiation - ability of a structural element to resist exposition from only one side so that probability of fire transfer due to radiant heat penetration both through the element and from the unexposed surface of the element onto the adjacent materials is reduced. The element shall also protect persons in its vicinity. The element meeting criteria I, I₁, I₂ is evaluated as meeting the requirement W for the same time. The elements, for which radiation is evaluated, are marked by addition of W to the classification (e.g. EW). For these elements, classification is stated as time (min.), after which the maximum radiation measured according to the specification in the test standard does not 15 kW/m².</p>

NOTES

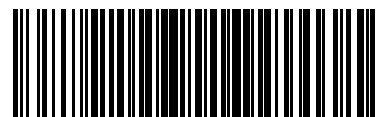
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