

new

Surface mounting enclosures with transparent doors

1 to 4 rows from 2 to 48
1 to 3 rows from 18 to 54

Adjustable DIN rail for shoulder measurement 47 and 63 mm, transparent hinged cover (2 to 10) or door (12 to 54), 2 lateral knock outs for cable entry or coupling pieces.

Premarked knock outs for bushes or cable glands M20, M25, M32 and M40 on PN version;
polycarbonate UV resistant outdoor use UL746C,
colour : light grey RAL 7035 for equipment up to 63A
isolation voltage 1000V DC

IP65 IK07 < 12
IK08 > 12

class II
IEC 60 439-3

Installation: -25°C to +100°C



IEC 60 695-2-10 and 60 695-2-11: 850°C



VE106SN



VE312SN



VE218SN

| Designation | Characteristics | Cat. ref. with premarked knock-outs |
|-----------------------------------|-----------------------------|-------------------------------------|
| Enclosures 3 to 10 modules | | |
| 1 row, 2 + 1 | w. 111 x h. 175 x d. 93 mm | VE103PN |
| 1 row, 4 + 2 | w. 165 x h. 190 x d. 113 mm | VE106PN |
| 1 row, 8 + 2 | w. 237 x h. 210 x d. 114 mm | VE110PN |
| Enclosures 12 modules | | |
| 1 row, 12 | w. 310 x h. 302 x d. 151 mm | VE112PN |
| 2 row, 24 | w. 310 x h. 427 x d. 151 mm | VE212PN |
| 3 row, 36 | w. 310 x h. 552 x d. 151 mm | VE312PN |
| 4 row, 48 | w. 310 x h. 677 x d. 151 mm | VE412PN |
| Enclosures 18 modules | | |
| 1 row, 18 | w. 418 x h. 302 x d. 151 mm | VE118PN |
| 2 row, 36 | w. 418 x h. 452 x d. 151 mm | VE218PN |
| 3 row, 54 | w. 418 x h. 602 x d. 151 mm | VE318PN |

| Designation | Characteristics | Cat. ref. |
|---------------------------------------|----------------------------------|----------------|
| Cable glands | M16 | VZ016M |
| | M20 | VZ020M |
| | M25 | VZ025M |
| | M32 | VZ032M |
| | M40 | VZ040M |
| Ventilated cable glands | M20 | VZ020D |
| | M25 | VZ025D |
| | M32 | VZ032D |
| Photovoltaic DIN rail terminal | 10mm ² 1000V AC/DC | KNX10LH |
| Closing plate | for KXN10LH | KW10LH |

new

Photovoltaic fuse carriers and fuses

DC protection of photovoltaic strings against overload and short-circuits

Technical data

- sizes : L38 (10x38)
- class of operation : gPV (PV fuse)
- poles : 1P, 2P
- voltage rating : 1000V DC for fuse carriers and 900V DC for fuses
- fuse carriers current rating : 32A
- fuses current rating : 2 to 20A
- breaking capacity : 30kA

- minimum Interrupting : 2 x In (2-3-4A), 1.9 x In (6-8-10-12A), 1.6 x In (16-20A)

Connection capacity

- rigid conductors : 16mm²
- flexible conductors : 10mm²

Comply with IEC 60269-2, IEC 60269-2-1 and IEC 60947-3

Switch disconnectors

Designed for photovoltaic applications but fully compatible to any DC purposes. Contact making and break independent to operator speed.

Technical data

- poles : 4P
- voltage rating : 1000V DC 21B
- current rating : 32A

Connection capacity

- rigid conductors : 16mm²
- flexible conductors : 10mm²

Comply IEC 60 947-3



L501PV



SB432PV



SPV025

| Description | In (A) | Characteristics | Pack qty. | Cat. ref. |
|---|--------|---|----------------|----------------|
| L38 photovoltaic fuse carriers 1000V DC | 32 | single pole | 12 | L501PV |
| | 32 | double pole | 6 | L502PV |
| Photovoltaic cartridge fuses 900V DC | 2 | | 10 | LF302PV |
| | 3 | | 10 | LF303PV |
| | 4 | | 10 | LF304PV |
| | 6 | | 10 | LF306PV |
| | 8 | | 10 | LF308PV |
| | 10 | | 10 | LF310PV |
| | 12 | | 10 | LF312PV |
| | 16 | | 10 | LF316PV |
| | 20 | | 10 | LF320PV |
| | 25 | | 10 | LF325PV |
| 32 | | 10 | LF332PV | |
| DC switch disconnectors | 32 | 4 poles, 1000 V DC | 1 | SB432PV |
| Double pole polarized surge protection devices photovoltaic U_{cpv} ≤ 1000V DC | | 25kA, 4kV, class 2 with end of life indicator | | SPV325 |
| Cartridge for photovoltaic SPDs photovoltaic U_{cpv} ≤ 1000V DC | | polarized +/- for SPV325 | | SPV025 |
| | | earth for SPV325 | | SPV025E |