

Technical data sheet

PV complete block 1500 V DC with remote signalling

Item no. 5094212



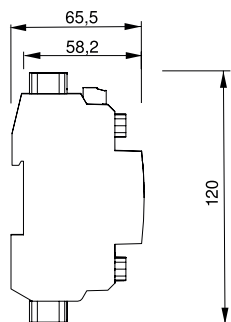
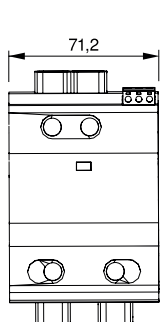
Type 2 surge protection for PV plants.

- Surge protection according to IEC 60364-7-712 (VDE 0100-712)
- Arresting capacity of 20 kA per pole and up to 40 kA (8/20)
- Error-resistant Y circuit with status display
- The FS variant possesses a potential-free changeover contact for remote signalling

Application: Surge protective devices for PV systems.



Dimensions



| | |
|--------|-----------|
| Length | 65,50 mm |
| Width | 71,20 mm |
| Height | 120,00 mm |

Master data

| | |
|--------------------------|-------------------------------|
| Item no. | 5094212 |
| Type | V-PV-T2-1500+FS |
| Description 1 | SurgeController V-PV |
| Description 2 | Y-connection PV system+remote |
| Dimension | 1500V DC |
| Colour | Grey |
| Smallest sales unit (VG) | 1 Piece |
| Weight | 34,40 kg/100 pc. |

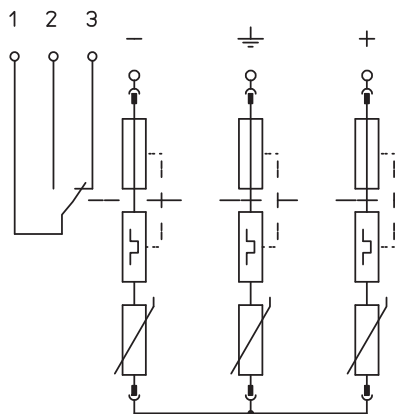
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| | |
|---|-------------------------------------|
| SPD to EN 61643-11 | Type 2 |
| SPD to IEC 61643-11 | Class II |
| Test class, type 1 | <input type="checkbox"/> |
| Test class, type 2 | <input checked="" type="checkbox"/> |
| Test class, type 3 | <input type="checkbox"/> |
| Maximum continuous voltage DC | 1.500,00 V |
| U max DC | 1.500,00 V |
| Nominal discharge current (8/20 µs) | 20,00 kA |
| Nominal discharge current (8/20) | 20 kA |
| Rated current | 50,00 A |
| Maximum discharge current (8/20 µs) | 40,00 kA |
| Arrester surge current (8/20) [total] | 40,00 kA |
| Protection level | 4,50 kV |
| Protection level | < 4,5 kV |
| Response time | < 25 ns |
| Temperature range | -40-80 °C |
| Pole version | Other |
| Version | Y configuration + RS |
| Version | Other |
| Mounting type | Hat rail 35 mm |
| Installation type | DIN rail 35 mm |
| Protection rating | IP20 |
| Protection rating | IP20 |
| Blow-out | <input type="checkbox"/> |
| Size | 4 part units |
| Division unit TE (17.5 mm) | 4 |
| Remote signalling | <input checked="" type="checkbox"/> |
| Integrated back-up fuse | <input type="checkbox"/> |
| Max. cable cross-section flexible (fine-wire) | 35,00 mm ² |
| Max. cable cross-section rigid (single wire/multi-wire) | 35,00 mm ² |
| Conductor cross-section, flexible (fine-wire) | 2,50 - 35,00 mm ² |
| Connection cross-section, flexible | 2,50 - 35,00 mm ² |
| Conductor cross-section, rigid (single wire/multi-wire) | 2,50 - 35,00 mm ² |
| Connection cross-section, rigid | 2,50 - 35,00 mm ² |
| Connection cross-section, multi-wire | 2,50 - 35,00 mm ² |
| Max. PV voltage | 1.500,00 V |
| Signalling on device | Visual |