

# SLP-PV170 V/U

## SPD - for DC and PV / SPD PV type 2 / MOV

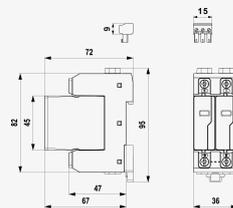
Surge arrester for PV systems (both poles)

pluggable module, visual fault signalling, module locking

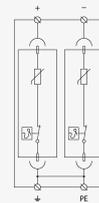
- varistor surge arrester in 'U' connection
- for protection of PV systems where the separating spark-over distance is kept or without LPS
- maximum continuous operating voltage for PV application:  $UCPV \geq 1.2 \times UOC \text{ STC}$



Product dimensions



Basic circuit diagram



| Parameter name                                       |                   | Parameter value       |
|--|-------------------|-----------------------|
| Type of SPD  |                   | PV T2                 |
| Mounting   |                   | DIN rail 35 mm        |
| Maximum operating voltage mode +/-PE, -/PE           | $U_{CPV}$         | 170.00 V DC           |
| Short-circuit current rating                         | $I_{SCPV}$        | 10 000 A DC           |
| Residual current mode +/-PE, -/PE                    | $I_{PE}$          | 0.280 mA AC           |
| Residual current mode +/-PE, -/PE                    | $I_{PE}$          | 0.005 mA DC           |
| Total discharge current (8/20 $\mu$ s)               | $I_{Total(8/20)}$ | 80.00 kA              |
| Nominal discharge current (8/20 $\mu$ s)             | $I_n$             | 15.00 kA              |
| Maximum discharge current (8/20 $\mu$ s)             | $I_{max}$         | 40.00 kA              |
| Voltage protection level mode +/-                    | $U_p$             | 1.20 kV               |
| Voltage protection level mode +/-PE, -/PE            | $U_p$             | 0.60 kV               |
| Response time  | $t_a$             | 25 ns                 |
| Cross-section of connected conductors solid (min)    |                   | 1.00 mm <sup>2</sup>  |
| Cross-section of connected conductors solid (max)    |                   | 35.00 mm <sup>2</sup> |
| Cross-section of connected conductors stranded (min) |                   | 1.00 mm <sup>2</sup>  |
| Cross-section of connected conductors stranded (max) |                   | 25.00 mm <sup>2</sup> |
| Fault indication                                     |                   | red indication field  |

|   |                                  |
|---|----------------------------------|
| Degree of protection                    | <b>IP 20</b>                     |
| Range of ambient temperatures (min/max) | <b>-40 / 80 °C</b>               |
| According to standard                   | <b>EN 61643-31, IEC 61643-31</b> |
| ETIM Class                              | <b>EC000941</b>                  |
| Plug module                             | <b>SLP-PV170U V/0</b>            |
| Customs tariff number                   | <b>85363030</b>                  |
| EAN                                     | <b>8595090536628</b>             |
| Order number                            | <b>A03662</b>                    |

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