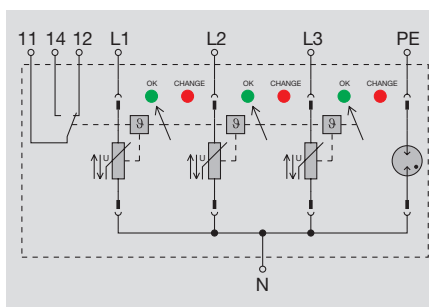


Class I + II lightning arrester

Combi-arrester

- Class I + II plug-in arrester for lightning protection equipotential bonding
- Suitable for lightning protection classes III and IV
- High discharge current with 12.5 kA (10/350 µs)
- Low residual voltage from <1.3 kV, thus also can be used for Class II surge protection
- High-power varistor, non-blow-out arrester
- No decoupling to class II and III arresters necessary
- Follow current need not be taken into account

PU I 3+1/R 280V/12.5kA



Technical data

| |
|---|
| Rated voltage (AC) |
| Max. continuous voltage, U _c (AC) |
| Requirement category acc. to IEC 61643-1 |
| Rated discharge current I _{imp} (10/350 µs) |
| Charge, typical |
| Specific energy, per path |
| Short-circuit current extinction without back-up fuse |
| Short-circuit strength with max. back-up fuse |
| Response time |
| Fuse, max. |
| Protection level Up (typical) |
| Optical function indicator |
| Signalling contact |
| Tightening torque range |
| Discharge current, max. (8/20 µs) |
| Rated discharge current per path (8/20 µs) |
| Temporary surge - U _{rov} |
| Design |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |

| |
|--|
| 230 V |
| 280 V |
| I+II (combination arrester) |
| 12.5 kA |
| 6 As |
| 45 kJ/Ω |
| 6 As |
| 25 kA _{eff} |
| L-N: ≤ 25 ns; N-PE: 100 µs |
| 160 A gL /gG |
| < 1300 V |
| green = OK; red = arrester faulty, replace |
| 250 V 1 A 1CO bei PU I R |
| 2,5 Nm...3 Nm |
| 50 kA |
| 30 kA |
| 335 V |
| 4 TE; Installation housing |
| -40 ... 70°C |
| -40 ... 70°C |
| CE |

Dimensions

| | | |
|--|-----------------|--------------|
| Clamping range (rating- / min. / max.) | mm ² | 25 / 4 / 25 |
| Length x Width x Height | mm | 90 x 36 x 64 |

Note

Ordering data

| Version |
|---------|
|---------|

| Type | Qty. | Order No. |
|------------------------|------|------------|
| PU I 3+1 280V/12.5kA | 1 | 8859080000 |
| PU I 3+1 R 280V/12.5kA | 1 | 8859090000 |

Additional rated voltages on request

Accessories

Plug-in spare arrester PU I 0 280 V/12,5kA - 8859120000