

Product data sheet

Characteristics

A9L1H602

Cartridge, Acti9 iPRD1 25r, for surge arrester iPRD1 25r 3P+N, type 1+2, N-PE protection mode, without fuse



Main

| | |
|---------------------------|---|
| Range of product | Acti9 |
| Product name | Acti9 iPRD1 |
| Product or component type | Cartridge |
| Device short name | iPRD1 25r |
| Range compatibility | Acti9 Acti9 iPRD1 iPRD1 25r surge arrester with pluggable cartridge |
| Surge arrester type | Electrical distribution network |

Complementary

| | |
|---|---|
| Surge arrester class type | Type 1 + 2 |
| Surge arrester technology | GDT |
| Product destination | Surge protection device iPRD1 25r 3P + N |
| Earthing system | TT TN-S |
| [Ue] rated operational voltage | 240 V AC 50/60 Hz |
| Nominal discharge current | Common mode: 100 kA (N/PE) |
| Maximum discharge current | Common mode: 130 kA N/PE |
| [Iimp] impulse current | Common mode: 100 kA N/PE 50 A.s |
| [Uc] maximum continuous operating voltage | Common mode: 305 V N/PE |
| Maximum [Up] voltage protection level | Common mode <1.5 kV N/PE |
| [Ut] temporary overvoltage | 1200 V N/PE 200 ms withstand |
| [Ifi] follow current | 100 A |
| Local signalling | Operating state: flag (green) Fault indication: flag (red) |
| Mounting mode | Plug-in |
| Mounting support | Into SPD module |
| 9 mm pitches | 4 |
| Height | 45 mm |
| Width | 36 mm |
| Depth | 73.5 mm |
| Net weight | 95 g |
| Colour | White (RAL 9003) |
| Material | Thermoplastic |
| Response time | < 100 ns |

Environment

| | |
|-------------------------|---|
| Standards | IEC 61643-11:2011 EN 61643-11:2012 EN 61643-11:2018/A11 |
| Product certifications | CE |
| Quality labels | VDE |
| IP degree of protection | IP20 |
| Relative humidity | 5...95 % |

| | |
|-------------------------------------|-------------|
| Operating altitude | 0...4000 m |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

| | |
|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 10.5 cm |
| Package 1 Width | 5.8 cm |
| Package 1 Length | 4.8 cm |
| Package 1 Weight | 103 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 16 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 316.648 kg |

Offer Sustainability

| | |
|----------------------------|---|
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |