



Main

| | |
|---------------------------|---|
| Range | Acti 9 |
| Product name | Acti 9 iPRD |
| Product or component type | Surge arrester with pluggable cartridge |
| Device short name | iPRD20 |
| Device application | Distribution |
| Poles description | 3P + N |
| Remote signalling | Without |
| Surge arrester type | Electrical distribution network |
| Earthing system | TN-S TT |

Complementary

| | |
|---|---|
| Surge arrester class type | Type 2 |
| Surge arrester technology | MOV + GDT |
| [Ue] rated operational voltage | 230 V (+/- 10 %) AC 50/60 Hz 400 V (+/- 10 %) AC 50/60 Hz |
| Nominal discharge current | Differential mode : 5 kA L/N Common mode : 5 kA L/PE Common mode : 5 kA N/PE |
| Maximum discharge current | Common mode : 20 kA L/PE Common mode : 20 kA N/PE Differential mode : 20 kA L/N |
| [Uc] maximum continuous operating voltage | Common mode : 260 V N/PE Common mode : 350 V L/PE Differential mode : 350 V L/N |
| [Up] voltage protection level | 1.1 kV type 2 differential mode L/N 1.4 kV type 2 common mode N/PE |
| [Ut] temporary overvoltage | Withstand : 337 V L/N for 5 s Withstand : 442 V L/PE for 5 s Safe failure mode : 1200 V N/PE for 200 ms Safe failure mode : 1453 V L/PE for 200 ms |
| Disconnecter device type | Associated circuit breaker iC60H 20 A curve C - Icu 15 kA |

Associated circuit breaker iC60N 20 A curve C - Icu 10 kA
 Associated circuit breaker iC60L 20 A curve C - Icu 25 kA
 Associated circuit breaker NG125H 63 A curve C - Icu 36 kA
 Associated circuit breaker NG125L 63 A curve C - Icu 50 kA

| | |
|-------------------------|--|
| Short-circuit withstand | 50 kA |
| Local signalling | Flag color: white/red |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 8 |
| Height | 85 mm |
| Width | 72 mm |
| Depth | 69 mm |
| Product weight | 0.414 kg |
| Colour | White (RAL 9003) |
| Response time | <= 25 ns |
| Residual current | 0.6 mA 0.003 mA |
| Connections - terminals | Tunnel type terminal, downside 2.5...35 mm ² Tunnel type terminal, upside 2.5...35 mm ² |
| Tightening torque | 2.5 N.m |

Environment

| | |
|---------------------------------------|---|
| Standards | EN 61643-11 : 2012 IEC 61643-11 : 2011 |
| Product certifications | CE |
| Quality labels | NF KEMA-KEUR |
| IP degree of protection | On front face : IP40 conforming to IEC 60529 Built-in : IP20 conforming to IEC 60529 |
| IK degree of protection | IK03 conforming to IEC 62262 |
| Relative humidity | 5...95 % |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0844 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product environmental |
| Product end of life instructions | Available End of life manual |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|