



Main

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| Range of product | 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 | 1P |
| Remote signalling | Without |
| Surge arrester type | Electrical distribution network |
| Earthing system | TN-C TT |

Complementary

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| Surge arrester class type | Type 2 |
| Surge arrester technology | MOV |
| [Ue] rated operational voltage | 230 V (+/- 10 %) AC 50/60 Hz 400 V (+/- 10 %) AC 50/60 Hz |
| [In] nominal discharge current | Common mode : 5 kA L/PE Common mode : 5 kA N/PE |
| [Imax] maximum discharge current | Common mode : 20 kA L/PE |
| [Uc] maximum continuous operating voltage | Common mode : 350 V L/PE Common mode : 350 V N/PE |
| [Up] voltage protection level | <= 1.1 kV type 2 common mode L/PE |
| [Ut] temporary overvoltage | Withstand : 337 V L/N for 5 s Safe failure mode : 1200 V N/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 |
| [Iscrr] short-circuit current rating | 50 kA |
| Mounting mode | Clip-on |

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| Mounting support | DIN rail |
| 9 mm pitches | 2 |
| Height | 85 mm |
| Width | 18 mm |
| Depth | 69 mm |
| Product weight | 0.11 kg |
| Colour | White (RAL 9003) |
| Response time | <= 25 ns |
| [Ipe] Ground 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

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|---------------------------------------|---|
| 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

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| 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 Profile |
| Product end of life instructions | Available End of Life Information |

Contractual warranty

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| Warranty period | 18 months |
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