



Main

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| Range of product | iPRD-DC |
| Product or component type | Surge arrester with pluggable cartridge |
| Device short name | iPRD-DC 40r 1000PV |
| Poles description | 2P |
| Remote signalling | With |
| Signal contacts composition | 1 SD (1 C/O) |
| Surge arrester type | Electrical distribution network |

Complementary

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| Surge arrester class type | Type 2 |
| Surge arrester technology | MOV |
| [Ue] rated operational voltage | 1000 V DC |
| Nominal discharge current | 15 kA |
| Maximum discharge current | 40 kA |
| [Uc] maximum continuous operating voltage | Common mode: 1000 V L/PE Differential mode: 1000 V L+/L- |
| [Up] voltage protection level | 3.9 kV type 2 differential mode L+/L- 3.9 kV type 2 common mode L-/PE 3.9 kV type 2 common mode L+/PE |
| Local signalling | Flag color: white/red |
| Signalling circuit voltage | AC: 250 V 50/60 Hz |
| Signalling output current | 0.25 A |
| Mounting mode | Fixed |
| Mounting support | 35 mm symmetrical DIN rail |
| 9 mm pitches | 6 |
| Height | 81 mm |
| Width | 54 mm |
| Depth | 69 mm |
| Product weight | 0.4 kg |
| Colour | White (RAL 9003) |
| Response time | <= 25 ns |
| Connections - terminals | Tunnel type terminal upside 2.5...35 mm ² Tunnel type terminal downside 2.5...35 mm ² |
| Tightening torque | 2.5 N.m |

Environment

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|-------------------------|---|
| Standards | EN 61643-11 IEC 61643-1 UTE C 61740-51 EN 50539-11 |
| Quality labels | CE |
| IP degree of protection | On terminal: IP20 On front face: IP40 |
| IK degree of protection | IK03 |
| Relative humidity | 5...90 % |
| Operating altitude | 2000 m |

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|---------------------------------------|-------------|
| 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 | Not Green Premium product |
| RoHS | Compliant - since 1005 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |

Contractual warranty

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| Period | 18 months |
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