

### Main

Commercial Status	Commercialised
Range of product	IPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD40r
Poles description	3P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
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	400 V AC 50/60 Hz 230 V AC 50/60 Hz
Nominal discharge current	Differential mode: 15 kA L/N Common mode: 15 kA N/PE Common mode: 15 kA L/PE
Maximum discharge current	Differential mode: 40 kA L/N Common mode: 40 kA N/PE Common mode: 40 kA L/PE
[Uc] maximum continuous operating voltage	Differential mode: 350 V L/N Common mode: 350 V L/PE Common mode: 260 V N/PE
[Up] voltage protection level	1.4 kV type 2 differential mode L/N 1.4 kV type 2 common mode N/PE
Disconnecter device type	Associated circuit breaker iC60L 40 A Icu 25 kA curve C Associated circuit breaker iC60H 40 A Icu 15 kA curve C Associated circuit breaker iC60N 40 A Icu 10 kA curve C
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	8
Height	85 mm
Width	72 mm
Depth	70 mm
Product weight	0.49 kg
Colour	White ( RAL 9003 )
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal upside 2.5...35 mm <sup>2</sup> Tunnel type terminal downside 2.5...35 mm <sup>2</sup>
Tightening torque	2.5 N.m

## Environment

Standards	EN 61643-11 IEC 61643-11: 2011
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
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C