



Main

Range of product	IPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD40r
Poles description	3P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-C

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	400 V (+/- 10 %) AC 50/60 Hz 230 V (+/- 10 %) AC 50/60 Hz
[In] nominal discharge current	Common mode : 15 kA N/PE Common mode : 15 kA L/PE
[Imax] maximum discharge current	Common mode : 40 kA L/PE
[Uc] maximum continuous operating voltage	Common mode : 350 V L/PE
[Up] voltage protection level	1.4 kV type 2 common mode L/PE
[Ut] temporary overvoltage	Safe failure mode : 1200 V N/PE for 200 ms Withstand : 337 V L/N for 5 s
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
[Iscrr] short-circuit current rating	50 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	AC : 250 V 50/60 Hz
Signalling output current	0.25 A
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	85 mm
Width	54 mm
Depth	69 mm
Product weight	0.323 kg
Colour	White (RAL 9003)
Response time	<= 25 ns
[Ipe] residual current	0.6 mA 0.003 mA
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	IEC 61643-11 : 2011 EN 61643-11 : 2012
Quality labels	NF CE KEMA-KEUR
IP degree of protection	Built-in : IP20 On front face : IP40
IK degree of protection	IK03
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	Compliant - since 1304 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available Download End Of Life Manual