



### Main

Range of product	PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD40
Poles description	1P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TT

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50/60 Hz
Nominal discharge current	Common mode : 15 kA L/PE Common mode : 15 kA N/PE Differential mode : 15 kA L/N
Maximum discharge current	Common mode : 40 kA L/PE Common mode : 40 kA N/PE Differential mode : 40 kA L/N
[Uc] maximum continuous operating voltage	Common mode : 260 V N/PE Common mode : 340 V L/PE Differential mode : 340 V L/N
[Up] voltage protection level	1.4 kV type 2 common mode N/PE 1.4 kV type 2 differential mode L/N
Disconnecter device type	Associated circuit breaker 40 A Icu 10 kA Associated circuit breaker 40 A Icu 15 kA Associated circuit breaker 40 A Icu 25 kA
Local signalling	Flag color: white/red
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	69 mm
Colour	Grey ( RAL 7035 )
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

Quality labels	NF KEMA-KEUR OVE
IP degree of protection	On front face : IP40 On terminal : IP20
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

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.

