



Main

Range of product	PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD40r
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	230 V (+/- 10 %) AC 50/60 Hz 400 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
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	8
Height	81 mm
Width	72 mm
Depth	69 mm
Colour	Grey (RAL 7035)
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

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
