



Main

Range of product	IQuick PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IQuick PRD20r
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 (+/- 10 %) AC 50/60 Hz 230 V (+/- 10 %) AC 50/60 Hz
[In] nominal discharge current	Differential mode : 5 kA L/N Common mode : 5 kA N/PE Common mode : 5 kA L/PE
[Imax] maximum discharge current	Differential mode : 20 kA L/N Common mode : 20 kA N/PE Common mode : 20 kA L/PE
[Uc] maximum continuous operating voltage	Differential mode : 350 V L/N Common mode : 350 V L/PE Common mode : 264 V N/PE
[Up] voltage protection level	1.5 kV type 2 differential mode L/N 1.5 kV type 2 common mode N/PE 1.5 kV type 2 common mode L/PE
Disconnecter device type	Integrated circuit breaker Icu 25 kA
[Iscrr] short-circuit current rating	25 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	AC : 250 V 50/60 Hz
Signalling output current	2 A
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	14.7
Height	94 mm
Width	131.5 mm
Depth	75.9 mm
Product weight	0.84 kg
Colour	White (RAL 9003)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal upside 2.5...25 mm ² Tunnel type terminal downside 2.5...25 mm ²
Tightening torque	2.5 N.m

Environment

Standards	IEC 61643-11 : 2011 EN 61643-11 : 2012
Product certifications	CE
Quality labels	NF KEMA-KEUR
IP degree of protection	Built-in : IP20 On front face : IP40
IK degree of protection	IK05
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1312 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

Contractual warranty

Period	18 months
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