



Main

Range	Acti 9
Product name	Acti 9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD8r
Device application	Distribution
Poles description	1P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT
[Uoc] open circuit voltage	10 kV type 3 common mode N/PE 10 kV type 3 differential mode L/N

Complementary

Surge arrester class type	Type 2 + 3
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 : 2.5 kA L/PE Common mode : 2.5 kA N/PE Differential mode : 2.5 kA L/N
Maximum discharge current	Common mode : 8 kA L/PE Common mode : 8 kA N/PE Differential mode : 8 kA L/N
[Uc] maximum continuous operating voltage	Common mode : 260 V N/PE Common mode : 350 V L/PE Differential mode : 350 V L/N
[Up] voltage protection level	1 kV type 2 differential mode L/N 1.1 kV type 3 common mode N/PE 1.1 kV type 3 differential mode L/N 1.4 kV type 2 common mode N/PE
[Ut] temporary overvoltage	Withstand : 337 V L/N for 5 s Withstand : 442 V L/PE for 5 s Safe failure mode : 1200 V N/PE for 200 ms
Disconnecter device type	Associated circuit breaker iC60H 10 A curve C - Icu 15 kA Associated circuit breaker iC60L 10 A curve C - Icu 25 kA Associated circuit breaker iC60N 10 A curve C - Icu 10 kA
Short-circuit withstand	50 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	69 mm
Product weight	0.215 kg
Colour	White (RAL 9003)
Response time	<= 25 ns

Residual current	0.6 mA 0.003 mA
Connections - terminals	Tunnel type terminal, downside 2.5...35 mm ² Tunnel type terminal, upside 2.5...35 mm ²
Tightening torque	2.5 N.m

Environment

standards	EN 61643-11 : 2012 IEC 61643-11 : 2011
product certifications	CE
quality labels	NF KEMA-KEUR
IP degree of protection	On front face : IP40 conforming to IEC 60529 Built-in : IP20 conforming to IEC 60529
IK degree of protection	IK03 conforming to IEC 62262
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 (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available