



## Main

Range	Acti 9
Product name	Acti 9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD20
Device application	Distribution
Poles description	3P + N
Remote signalling	Without
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	Differential mode : 5 kA L/N Common mode : 5 kA L/PE Common mode : 5 kA N/PE
Maximum discharge current	Common mode : 20 kA L/PE Common mode : 20 kA N/PE Differential mode : 20 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	1.1 kV type 2 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 Safe failure mode : 1453 V L/PE for 200 ms
Disconnecter device type	Associated circuit breaker iC60H 20 A curve C - Icu 15 kA Associated circuit breaker iC60N 20 A curve C - Icu 10 kA Associated circuit breaker iC60L 20 A curve C - Icu 25 kA Associated circuit breaker NG125H 63 A curve C - Icu 36 kA Associated circuit breaker NG125L 63 A curve C - Icu 50 kA
Short-circuit withstand	50 kA
Local signalling	Flag color: white/red
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	85 mm
Width	72 mm
Depth	69 mm
Product weight	0.414 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 <sup>2</sup> Tunnel type terminal, upside 2.5...35 mm <sup>2</sup>
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