



### Main

Range	Acti 9
Product name	Acti 9 iPRF1
Product or component type	Surge arrester
Device short name	IPRF1 12.5r
Device application	Distribution
Poles description	3P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	IT 230 TN-C

### Complementary

Surge arrester class type	Type 1 + 2
Surge arrester technology	MOV
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50 Hz 400 V (+/- 10 %) AC 50 Hz
Nominal discharge current	Common mode : 25 kA L/PE
Maximum discharge current	50 kA
[Iimp] impulse current	Common mode : 12.5 kA L/PE 6.25 A.s
[Uc] maximum continuous operating voltage	Common mode : 350 V L/PE
[Up] voltage protection level	1.5 kV type 1 common mode L/PE
Disconnecter device type	Associated circuit breaker NG125N 80 A curve C - Icu 15 kA Associated circuit breaker NG125N 80 A curve C - Icu 25 kA Associated circuit breaker NG125H 80 A curve C - Icu 36 kA Associated circuit breaker NG125L 80 A curve C - Icu 50 kA Associated fuse gG 160 A according to standard Associated circuit breaker C120N 80 A curve C - Icu 10 kA
Short-circuit withstand	50 kA

Local signalling	LED color: green/red
Signalling circuit voltage	1.5 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	81.4 mm
Width	72 mm
Depth	70 mm 71 mm
Product weight	0.59 kg
Colour	White ( RAL 9003 )
Material	PA6
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal, downside 2.5...35 mm <sup>2</sup> Tunnel type terminal, upside 2.5...35 mm <sup>2</sup> Tunnel type terminal 10...35 mm <sup>2</sup> cable(s) rigid Tunnel type terminal 10...25 mm <sup>2</sup> cable(s) flexible
Tightening torque	2.5 N.m

## Environment

Standards	EN 61643-11 : 2012 IEC 61643-11 : 2011
Product certifications	CE
IP degree of protection	On front face : IP40 conforming to IEC 60529 Built-in : IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to IEC 62262
Relative humidity	5...90 % 5...95 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1312 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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