



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	1P + 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 1 + 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50 Hz
Nominal discharge current	Common mode : 25 kA N/PE Differential mode : 25 kA L/N
Maximum discharge current	50 kA
[Iimp] impulse current	Common mode : 50 kA N/PE 25 A.s Differential mode : 12.5 kA L/N 6.25 A.s
[Uc] maximum continuous operating voltage	Common mode : 350 V N/PE Differential mode : 350 V L/N
[Up] voltage protection level	1.5 kV type 1 common mode N/PE 1.5 kV type 1 differential mode L/N
[If] follow current	0.1 kA common mode N/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	4
Height	81.4 mm
Width	36 mm
Depth	70 mm 71 mm
Product weight	0.29 kg
Colour	White (RAL 9003)
Material	PA6
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal, downside 2.5...35 mm ² Tunnel type terminal, upside 2.5...35 mm ² Tunnel type terminal 10...35 mm ² cable(s) rigid Tunnel type terminal 10...25 mm ² 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  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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