



### Main

Range of product	Acti 9
Product name	Acti 9 iPRI
Device short name	iPRI
Product or component type	Surge arrester
Number of protected lines	4
Surge arrester type	Signal protection

### Complementary

Remote signalling	Without
Surge arrester technology	GDT
[In] rated current	0.3 A at 45 °C
[Ue] rated operational voltage	48 V DC
Nominal discharge current	Common mode: 20 kA (L/PE)
[Iimp] impulse current	70 A
[Uc] maximum continuous operating voltage	Common mode: 37 V AC L/PE Common mode: 53 V DC L/PE Differential mode: 37 V AC L/N Differential mode: 53 V DC L/N
Maximum [Up] voltage protection level	Common mode <70 V type 2 L/PE Differential mode <70 V type 2 L/N
Output voltage limits	Common mode: < 70 V at 1 kV/μs
[I total] discharge current	20 kA
Local signalling	electrical
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	2
Height	90 mm
Width	18 mm
Depth	66 mm
Net weight	65 g
Colour	White
Material	PA6
Response time	< 1 ns
Connections - terminals	Screw clamp terminal 0.2...4 mm <sup>2</sup> rigid Screw clamp terminal 0.2...2.5 mm <sup>2</sup> flexible Screw clamp terminal 0.2...2.5 mm <sup>2</sup> flexible with ferrule
Wire stripping length	8 mm
Tightening torque	0.8 N.m

## Environment

Standards	IEC 61643-21 EN 61643-21
IP degree of protection	IP40 (modular enclosure) conforming to IEC 60529 IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to IEC 62262
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	81 g
Package 1 Height	2 cm
Package 1 width	6.7 cm
Package 1 Length	9.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	108
Package 2 Weight	9.235 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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