

# Product data sheet

## Characteristics

### A9L1F900

Cartridge, Acti9 iPRD1 F25r, for surge arrester iPRD1 F25r 3P/3P+N, type 1+2, with fuse



#### Main

Range of product	Acti9
Product name	Acti9 iPRD1
Product or component type	Cartridge
Device short name	iPRD1 F25r
Range compatibility	Acti9 Acti9 iPRD1 iPRD1 F25r surge arrester with pluggable cartridge
Surge arrester type	Electrical distribution network

#### Complementary

Surge arrester class type	Type 1 + 2
Surge arrester technology	GDT
Product destination	Surge protection device iPRD1 F25r 3P[RETURN]Surge protection device iPRD1 F25r 3P + N
Provided equipment	Fuse (integrated)
Earthing system	TN-S TN-C TT
[Ue] rated operational voltage	240 V AC 50/60 Hz
Nominal discharge current	Differential mode: 25 kA (L/N)
Maximum discharge current	Differential mode: 65 kA L/N
[Iimp] impulse current	Differential mode: 25 kA L/N 12.5 A.s
[Uc] maximum continuous operating voltage	Differential mode: 275 V L/N
Maximum [Up] voltage protection level	Differential mode <1.5 kV L/N
[Ut] temporary overvoltage	442 V L/N 120 min withstand
[Ifi] follow current	75 kA
Short-circuit withstand	75 kA
Local signalling	Operating state: flag (green) Fault indication: flag (red)
Mounting mode	Plug-in
Mounting support	Into SPD module
9 mm pitches	4
Height	45 mm
Width	36 mm
Depth	73.5 mm
Net weight	194 g
Colour	White (RAL 9003)
Material	Thermoplastic
Response time	< 100 ns

## Environment

Standards	IEC 61643-11:2011 EN 61643-11:2012 EN 61643-11:2018/A11
Product certifications	CE
Quality labels	VDE
IP degree of protection	IP20
Relative humidity	5...95 %
Operating altitude	0...2000 m
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 Height	10.5 cm
Package 1 Width	5.8 cm
Package 1 Length	4.8 cm
Package 1 Weight	205 g
Unit Type of Package 2	S02
Number of Units in Package 2	16
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	318.28 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes