

# A9L1H602

Cartridge, Acti9 iPRD1 25r, for surge arrester  
iPRD1 25r 3P+N, type 1+2, N-PE protection  
mode, without fuse



## Main

Range of product	Acti9
Product name	Acti9 iPRD1
Product or component type	Cartridge
Device short name	iPRD1 25r
Range compatibility	Acti9 Acti9 iPRD1 iPRD1 25r 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 25r 3P + N
Earthing system	TT TN-S
[Ue] rated operational voltage	240 V AC 50/60 Hz
Nominal discharge current	Common mode: 100 kA (N/PE)
Maximum discharge current	Common mode: 130 kA N/PE
[Iimp] impulse current	Common mode: 100 kA N/PE 50 A.s
[Uc] maximum continuous operating voltage	Common mode: 305 V N/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV N/PE
[Ut] temporary overvoltage	1200 V N/PE 200 ms withstand
[Ifi] follow current	100 A
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	95 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...4000 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	103 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	316.648 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	<a href="#">Yes</a>