

Product data sheet

Characteristics

A9L1C600

Cartridge, Acti9 iPRD1 C25r, for surge arrester
iPRD1 C25r 3P+N, type 1+2, L-N protection
mode, without fuse



Main

Range of product	Acti9
Product name	Acti9 iPRD1
Product or component type	Cartridge
Device short name	iPRD1 C25r
Range compatibility	Acti9 Acti9 iPRD1 iPRD1 C25r 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 C25r 3P + N
Earthing system	TT TN-S TN-C
[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	50 kA
Short-circuit withstand	50 kA
Local signalling	Operating state: flag (green) Fault indication: flag (red)
Mounting mode	Plug-in
Mounting support	Into SPD module
9 mm pitches	2
Height	45 mm
Width	18 mm
Depth	73.5 mm
Net weight	105 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	9.6 cm
Package 1 Width	5.4 cm
Package 1 Length	2.8 cm
Package 1 Weight	116 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.563 kg
Unit Type of Package 3	P12
Number of Units in Package 3	896
Package 3 Height	750 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	126.016 kg

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes