

# Product data sheet

## Characteristics

# A9L1C602

Cartridge, Acti9 iPRD1 C25r, for surge arrester  
iPRD1 C25r/F25r 3P+N/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 C25r
Range compatibility	Acti9 Acti9 iPRD1 iPRD1 C25r surge arrester with pluggable cartridge 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 C25r 3P + N Surge protection device iPRD1 F25r 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: 150 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 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	115 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 %

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	10.9 cm
Package 1 Width	5.8 cm
Package 1 Length	2.8 cm
Package 1 Weight	109 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	2.059 kg
Unit Type of Package 3	P12
Number of Units in Package 3	512
Package 3 Height	750 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	77.888 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