

# Product data sheet

Specifications



## Acti9 - iDPN N Arc - 1P+N 13A C 6000A - Arc fault detection circuit breaker

A9FDB613

### Main

Range	Acti9
Product Name	Acti9 iDPN N Arc
Product Or Component Type	Arc fault detection circuit breaker
Product Specific Application	Fire prevention by arc detection
Standards	EN/IEC 62606 IEC 60898-1
Device Short Name	iDPN N Arc
Poles Description	1P + N
[In] Rated Current	13 A at 30 °C
Curve Code	C
Breaking Capacity	6000 A Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1
Network Type	AC
Neutral Position	Left
Trip Unit Technology	Thermal-magnetic

### Complementary

Number Of Protected Poles	1
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	230 V AC 50 Hz conforming to IEC 62606 230 V AC 50 Hz conforming to EN/IEC 60898-1
Device Location In System	Outgoer
Magnetic Tripping Limit	3...5 x In
Limitation Class	3 conforming to IEC 60898-1
Threshold Tripping Voltage	400 V 200 ms
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to IEC 60898-1
[Ui] Rated Insulation Voltage	400 V AC
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON, OFF, fault trip
Mounting Mode	Clip-on
Mounting Support	DIN rail
Colour	White

Disclaimer: 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

Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles 230 V AC 50 Hz
Overvoltage Category	III
Cable Entry	Top
Connections - Terminals	Tunnel type terminal for 1 cable(s) 10 mm² flexible Tunnel type terminal for 2 cable(s) 2.5 mm² flexible Tunnel type terminal for 1 cable(s) 16 mm² rigid Tunnel type terminal for 2 cable(s) 2.5 mm² rigid
Wire Stripping Length	14 mm
Tightening Torque	2 N.m
Comb Busbar And Distribution Block Compatibility	ProDis Librio
Connection Pitch	9 mm between phase and neutral
9 Mm Pitches	4
Height	81 mm
Width	36 mm
Depth	72 mm
Net Weight	190 g

## Environment

Heat Dissipation	4.18 W at 230 V - 13 A
Ip Degree Of Protection	IP20
Pollution Degree	2
Tropicalisation	Severity B conforming to IEC 60068-2-30 for 28 d
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-25...60 °C
Ambient Air Temperature For Storage	-40...85 °C
Product Certifications	VDE

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.500 cm
Package 1 Width	4.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	220.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	18
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.673 kg

# Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Sustainable Packaging   Transparency   RoHS/REACH

## Resource performance

 Sustainable Packaging

## Well-being performance

 Mercury Free

 Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>