Product data sheet

Specifications





Acti9, Arc fault detection circuit breaker, iDPN N Arc, 1P+N 6A C 6000A

A9FDB606

Discontinued on: 23/01/2021

(!) Discontinued

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	6 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	510 x ln
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

White
20000 cycles
20000 cycles 230 V AC 50 Hz
III
Тор
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
14 mm
2 N.m
ProDis Librio
9 mm between phase and neutral
4
81 mm
36 mm
72 mm
190 g

Environment

Heat Dissipation	2.7 W at 230 V - 6 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	-2560 °C
Ambient Air Temperature For Storage	-4085 °C
Product Certifications	RCM

Packing Units

-	
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.0 cm
Package 1 Width	8.5 cm
Package 1 Length	10.0 cm
Package 1 Weight	220.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	8
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.004 kg

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