



### Main

Range	Acti 9
Product name	Acti 9 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	16 A at 30 °C
Curve code	B
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 for 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
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 mm <sup>2</sup> flexible Tunnel type terminal for 2 cable(s) 2.5 mm <sup>2</sup> flexible Tunnel type terminal for 1 cable(s) 16 mm <sup>2</sup> rigid Tunnel type terminal for 2 cable(s) 2.5 mm <sup>2</sup> rigid
Wire stripping length	14 mm
Tightening torque	2 N.m
Comb busbar and distribution block compatibility	ProDis Librio
9 mm pitches	4
Height	81 mm

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Width	36 mm
Depth	72 mm
Net weight	190 g

## Environment

Heat dissipation	4.18 W at 230 V - 16 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

Package 1 Weight	0.128 kg
Package 1 Height	0.850 dm
Package 1 width	0.400 dm
Package 1 Length	1.000 dm

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins