Product data sheet

Specifications

iDPN - circuit breaker - iDPN - 1P + N - 40A - C curve

A9N21551

⊘ **Discontinued on:** Oct 14, 2021

⊘ **End-of-service on:** Dec 1, 2023

⊘ Discontinued

Main

Range Of Product	Clario
Range	Clario
Product Name	IDPN
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iDPN
Device Application	Distribution
Poles Description	1P + N
Number Of Protected Poles	1
Neutral Position	Left
[In] Rated Current	40 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	4500 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Suitability For Isolation	Yes

Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	230 V AC 50/60 Hz between phase and neutral
Magnetic Tripping Limit	5...10 x In
[Ics] Rated Service Breaking Capacity	4500 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Limitation Class	3 conforming to EN/IEC 60898-1
[Ui] Rated Insulation Voltage	400 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to IEC 60947-2
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	2

Height	81 mm
Width	18 mm
Depth	78 mm
Net Weight	115 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Locking Options Description	Padlocking device
Connections - Terminals	Tunnel type terminals downstream 0.33…10 mm² flexible Tunnel type terminals downstream 0.75…16 mm² rigid Tunnel type terminals upstream 0.33…10 mm² flexible Tunnel type terminals upstream 0.75…16 mm² rigid
Wire Stripping Length	13 mm
Tightening Torque	2 N.m
Earth-Leakage Protection	Separate block

Environment

Standards	EN/IEC 60898-1
Ip Degree Of Protection	IP20 conforming to IEC 60529
Pollution Degree	3 conforming to IEC 60947-1
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-40…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.8 cm
Package 1 Width	7.5 cm
Package 1 Length	9 cm
Package 1 Weight	118 g

Contractual warranty

Warranty	18 months

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Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

✅ Halogen Free Product

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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins