

# Product data sheet

Specifications



## iDPN - circuit breaker - iDPN N - 3P - 20A - C curve

A9N21578

⚠ Discontinued on: Jun 30, 2021

⚠ Discontinued

### Main

Range Of Product	Clario
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Product Name	IDPN
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iDPN N
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	20 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	6000 A Icn at 400 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	400 V AC 50/60 Hz between phases
Magnetic Tripping Limit	5...10 x In
[Ics] Rated Service Breaking Capacity	6000 A 100 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1
Limitation Class	3 conforming to EN/IEC 60898-1
[Ui] Rated Insulation Voltage	440 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	6
Height	81 mm

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

Width	54 mm
Depth	78 mm
Net Weight	310 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	20000 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	7.5 cm
Package 1 Width	5.5 cm
Package 1 Length	9.5 cm
Package 1 Weight	318 g

## Contractual warranty

Warranty	18 months
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## 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.

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



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
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