



Main

Device application	Distribution
Range of product	Clario
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Product name	IDPN
Product or component type	Miniature circuit-breaker
Device short name	IDPN F
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icu conforming to IEC 60947-2 - 230 V AC 50/60 Hz Icn conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz
Suitability for isolation	Yes
Standards	EN/IEC 60947-2 EN/IEC 60898-1

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	4.5 kA at 75 % of breaking cap. conforming to IEC 60947-2 - 230 V AC 50/60 Hz 6000 A at 100 % of breaking cap. conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	400 V AC 50/60 Hz conforming to EN/IEC 60898-1
[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
Comb busbar distribution block compatibility	Clario
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	78 mm
Product weight	115 g
Quantity per set	Set of 12
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles AC
Locking options description	Padlocking device

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Connections - terminals	Tunnel type terminals, upstream rigid wire(s) 0.75...16 mm ² max Tunnel type terminals, upstream flexible wire(s) 0.33...10 mm ² max Tunnel type terminals, downstream rigid wire(s) 0.75...16 mm ² max Tunnel type terminals, downstream flexible wire(s) 0.33...10 mm ² max
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Separate block
Type of packing	Blister

Environment

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 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C