



Main

Range of product	Clario
Range	Clario
Product name	IDPN
Product or component type	Miniature circuit-breaker
Device short name	IDPN N
Device application	Distribution
Poles description	3P + N
Number of protected poles	3
Neutral position	Left
[In] rated current	13 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity code	N
Breaking capacity	Icn 6000 A 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	230 V AC 50/60 Hz between phase and neutral 400 V AC 50/60 Hz between phases
Magnetic tripping limit	3...5 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	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

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

Comb busbar and distribution block compatibility	Clario
Connection pitch	9 mm : Between phase and neutral 18 mm : Between phases
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	78 mm
Product weight	322 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals, downstream 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, upstream flexible wire(s) 0.33...10 mm ² max Tunnel type terminals, upstream rigid wire(s) 0.75...16 mm ² max
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Separate block
Compatibility code	IDPN

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

Contractual warranty

Warranty period	18 months
-----------------	-----------