Product data sheet
Characteristics

18653
miniature circuit breaker Multi 9 - NG125N - 4 poles - 32 A - C curve



Main

Circuit breaker application	Distribution
Range of product	NG125
Device short name	NG125N
Poles description	3P + N
Number of protected poles	4
Neutral position	Left
[In] rated current	32 A 40 °C
Network type	AC
Network frequency	50/60 Hz
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icu 50 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 8 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 250 V DC 4P conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
9 mm pitches	12

Complementary

[Ue] rated operational voltage	500 V AC 50/60 Hz
Magnetic tripping limit	8 x In
Rated service breaking capacity	Ics 6 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 18.75 kA 380...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 37.5 kA 220...240 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Control type	Toggle
Local signalling	Positive break indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	YES
Height	103 mm
Width	108 mm
Depth	81 mm
Product weight	0.96 kg
Electrical durability	10000 cycles conforming to IEC 60947-2
Connections - terminals	Tunnel type terminals 1.5...50 mm²
Wire stripping length	20 mm
Tightening torque	3.5 N.m

Environment

IP degree of protection	IP20 B conforming to IEC 60947-2

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Pollution degree	3 conforming to IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Operating altitude	2000 m
RoHS EUR conformity date	0727
RoHS EUR status	Compliant