Product data sheet
Characteristics

18813
NG125 - circuit breaker - NG125L - 4P - 25A - C curve

Main

Circuit breaker application	Distribution
Range of product	NG125
Product or component type	Circuit breaker
Device short name	NG125L
Poles description	4P
Number of protected poles	4
Neutral position	Left
[In] rated current	25 A at 40 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	36 kA Icu conforming to EN/IEC 60947-2 - <= 500 V DC 15 kA Icu conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 50 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 40 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 100 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz
Utilisation category	Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In
[Ics] rated service breaking capacity	50 kA 100 % x Icu conforming to EN/IEC 60947-2 - 500 V DC 11.25 kA 75 % x Icu conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 30 kA 75 % x Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 37.5 kA 75 % x Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 75 kA 75 % x Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle Manual tripping test
Local signalling	ON/OFF indication Trip indicator
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	YES
9 mm pitches	12
Height	103 mm
Width	108 mm
Depth	81 mm
Product weight	0.96 kg
Mechanical durability	20000 cycles
Electrical durability	10000 cycles

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Provision for padlocking	Padlockable
Locking options description	Integrated padlocking
Connections - terminals	Tunnel type terminals flexible wire(s) 1...35 mm² max Tunnel type terminals rigid wire(s) 1.5...50 mm² max
Wire stripping length	20 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block

Environment

Standards	EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-10...60 °C
Ambient air temperature for storage	-40...70 °C

Contractual warranty

Period	18 months