

NOARK

Ex9BP2PC50

MCB UL1077 - 1002588 - 2P - 50A - C-curve - 6kA - 300Vdc

Miniature Circuit Breaker (MCB) - UL 1077 - NOARK (Ex9BP series) - 50A rated current - C-curve - 2-poles (2P) - 6kA interrupting rating - 300Vdc rated voltage - DIN rail mounting (35mm width) - equivalent to 1002588

Additional information

The technical information provided in the datasheet is subject to change without notice. For confirmation, please contact NOARK's product support team.

Specifications

Primary brand	NOARK
Main function	Miniature Circuit Breaker (MCB)
Product series / family name	Electrical protection > Circuit breakers > Miniature Circuit Breakers (MCBs) > UL1077
Sub-range name	Ex9BP series
Functions	Miniature Circuit Breaker (MCB)
Design	Thermal-Magnetic type "C" Tripping curve (thermal overload trip occurs at currents ranging from 9.6 to 14.4 x the nominal current)
Poles	2-poles (2P)
Rated current	50A
Rated Voltage (DC)	300Vdc
Rated impulse voltage (Uimp)	4 kV
Rated insulation voltage (Ui)	1000 V
Cross-section	for #18AWG...#4AWG / 0.75mm2...25mm2 conductors
Tripping curve	C
Short circuit breaking rating	6kA
Protection functions	Overvoltage III
Mounting mode	DIN rail

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Degree of protection	IP20
Dimensions	H89mm x W79mm x D36mm H3.5" x W3.11" x D1.42"
Net Width (mm)	35 mm
Ambient air temperature for operation	-22˚F...+158˚F / -30˚C...+70 ˚C
Climatic resistance	At +68˚F (+20˚C) the relative humidity does not exceed 90% At +104˚F (+40˚C) the relative humidity does not exceed 50% Altitude does not exceed 6561ft (2000m)
Electrical durability (with load)	6000 operations
Mechanical durability (at no load)	20000 operations
Order code / Manufacturer SKU	Ex9BP2PC50 1002588
Manufacturer product status	Commercialized
Equivalent to	1002588
Compliant with standard(s)	UL 1077 SAA-203390-EA (SAA180871) UL 1077 (file number E355391) IEC/EN 60947-2 IEC/EN 60947-2 ANNEX P TUV (B 075006 0047 Rev.02)
Degree of pollution	3 III

Documents

NOARK - DC Miniature Circuit Breakers Ex9BP - Datasheet.pdf

Access to all NOARK drawings

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