


NOARK

# Ex9BP4PC10

MCB UL1077 - 1002590 - 4P - 10A - C-curve - 6kA - 600Vdc

Miniature Circuit Breaker (MCB) - UL 1077 - NOARK (Ex9BP series) - 10A rated current - C-curve - 4-poles (4P) - 6kA interrupting rating - 600Vdc rated voltage - DIN rail mounting (35mm width) - equivalent to 1002590

## 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

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|---|---|
| **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<br>"C" Tripping curve (thermal overload trip occurs at currents ranging from 9.6 to 14.4 x the nominal current) |
| **Poles** | 4-poles (4P) |
| **Rated current** | 10A |
| **Rated Voltage (DC)** | 600Vdc |
| **Rated impulse voltage (Uimp)** | 6 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 D72mm<br>H3.5" x W3.11" x D2.83" |
| **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%<br>At +104˚F (+40˚C) the relative humidity does not exceed 50%<br>Altitude does not exceed 6561ft (2000m) |
| **Electrical durability (with load)** | 6000 operations |
| **Mechanical durability (at no load)** | 20000 operations |
| **Order code / Manufacturer SKU** | Ex9BP4PC10<br>1002590 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1002590 |
| **Compliant with standard(s)** | UL 1077<br>SAA-203390-EA (SAA180871)<br>UL 1077 (file number E355391)<br>IEC/EN 60947-2<br>IEC/EN 60947-2 ANNEX P<br>TUV (B 075006 0047 Rev.02) |
| **Degree of pollution** | 3<br>III |

## Documents

NOARK - DC Miniature Circuit Breakers Ex9BP - Datasheet.pdf

Access to all NOARK drawings

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