

NOARK

# B1B2C63

MCB UL489 - 1002619 - 2P - 63A - C-curve - 10kA - 500Vdc

Miniature Circuit Breaker (MCB) - UL 489 SC - NOARK (B1B series) - 63A rated current - C-curve - 2-poles (2P) - 10kA interrupting rating - 500Vdc rated voltage - box lug connections - DIN rail mounting - equivalent to 1002619

## 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) > UL489 > for DC applications |
| **Sub-range name** | B1B series |
| **Functions** | Miniature Circuit Breaker (MCB) |
| **Design** | Thermal-Magnetic inverse time-delay over-current release type<br>"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** | 63A |
| **Rated Voltage (DC)** | 500Vdc |
| **Rated impulse voltage (Uimp)** | 6 kV |
| **Rated insulation voltage (Ui)** | 1000 V |
| **Connection type** | box lug connections |
| **Tripping curve** | C |
| **Short circuit breaking rating** | 10kA |
| **Mounting mode** | DIN rail |
| **Degree of protection** | IP20 |

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|---|---|
| **Dimensions** | H109.3mm x W35.6mm x D79mm<br>H4.3" x W1.4" x D3.11" |
| **Ambient air temperature for operation** | -22˚F...+167˚F / -30˚C...+75 ˚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)** | (UL489) 1000 operations<br>(IEC) 1500 operations |
| **Mechanical durability (at no load)** | 20000 operations |
| **Order code / Manufacturer SKU** | B1B2C63<br>1002619 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1002619 |
| **Compliant with standard(s)** | UL 489 SC<br>UL 489 (appendix SC)<br>CE (IEC/EN 60947-2)<br>CCC (GB/T 14048.2) |
| **Degree of pollution** | 3<br>III |

## Benefits

The B1B series circuit breakers, which comply with UL489 standard appendix SC, can be used for overcurrent protection of the main circuit.
The maximum voltage of the B1B series is DC 1000V, and it has a high breaking capacity of 10kA, making it the preferred product in the battery power industry.

- Miniature circuit breaker designed specifically for DC applications
- Breaking capacity of 10kA
- UL489 SC certification
- Box terminal connections

## Documents

Noark - DIN Rail Miniature Circuit Breakers - B1B series - Datasheet.pdf

Access to all NOARK drawings

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