

NOARK

Information Sheet

DIN Rail Miniature Circuit Breakers

Ex9 Series - B1H, B1N and B1A



NOARK Electric's Miniature Circuit Breakers

A perfect blend of quality, performance and exceptional value

Broad Product Range

- Amperage ratings: 0.5~63 A

Global Acceptance

- Certified to UL 489/489A, CSA 22.2 and IEC 60947-2

Flexible Terminals

- Less physical demand
- Detachable shield to make it faster and easier for installer

Three Terminal Options

- Box Lug
- Ring Tongue Terminal
- Quick Connect

Multiple Accessories

- Extended rotary handle
- Electrical auxiliaries
- Locking device

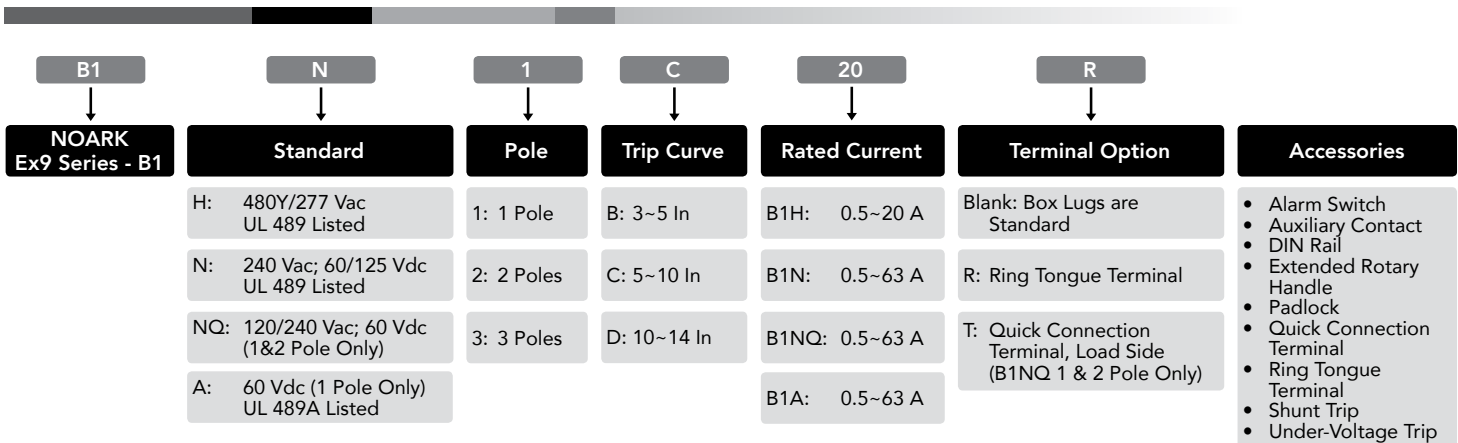


(626) 330-7007

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| | B1H | | | B1N | | | B1NQ | | B1A |
|--|---|-------------------------------|----|---------------------|----|---|---------------------|----|---------|
| Conformed Standard | UL 489 | | | | | | | | UL 489A |
| Rated Operational Voltage (V) | 480Y/277 Vac | | | 240 Vac; 60/125 Vdc | | | 120/240 Vac; 60 Vdc | | 60 Vdc |
| Rated Frequency (Hz) | 50/60 | | | | | | | | |
| Rated Current (A) | 0.5~20 | | | 0.5~63 | | | | | |
| Number of Poles | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 1 |
| Instantaneous Tripping Type | B (3~5 In), C (5~10 In), D (10~14 In) | | | | | | | | |
| Interrupting (kA) | 120 Vac | - | | 10 | - | | 10 | | |
| | 240 Vac | 10 | | 10 | | | | | |
| | 277 Vac | - | | | | | | | - |
| | 480Y/277 Vac | - | 10 | | | | | | |
| | 60 Vdc | | | 10 | | | | 10 | |
| | 125 Vdc | | | - | 10 | | | | - |
| Inverse Time-Delay Over-Current Release Type | Thermal-Magnetic | | | | | | | | |
| Service Life | Electrical | 6,000 | | | | | | | |
| | Mechanical | 20,000 | | | | | 10,000 | | 20,000 |
| Protection Degree | IP 20 | | | | | | | | |
| Wire AWG (mm ²) | Single Wire | 14~4 (2.5~21) | | | | | | | |
| | Two Wires | 14~6 (2.5~13) / 14~10 (2.5~5) | | | | | | | |
| Testing Ambient Air Temperature Range | 23 °F to 104 °F (-5 °C to +40 °C) | | | | | | | | |
| Working Ambient Air Temperature Range | -13 °F to 131 °F (-25 °C to +55 °C) | | | | | | | | |
| Insulation Coordination | Rated Insulation Voltage (Vac) | 500 | | | | | | | |
| | Rated Impulse Withstand Voltage (kV) | 6 | | | | | | | |
| Pollution Degree | Class III | | | | | | | | |
| Over Voltage Category / Mounting | Class III / 35 mm DIN rail | | | | | | | | |
| Altitude ft (m) | Does not exceed 6,561 (2,000) | | | | | | | | |
| Atmospheric Conditions | At 68 °F (+20 °C), the relative humidity does not exceed 90% At 104 °F (+40 °C), the relative humidity does not exceed 50% | | | | | | | | |

Product Selection Guide



NOARK Electric North America

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