



DIN Rail Miniature Circuit Breakers - UL489

NOARK Miniature Circuit Breakers offer these advantages: high-performance, small size, excellent protection, easy DIN rail installation, fast wiring utilizing double terminal technology and ring tongue terminals. The integrated captive connecting screws simplify the connection process.

NOARK MCBs fulfill North American and global approval requirements. The NOARK B1H/B1N/B1D series is UL listed for 489 applications, as well as CSA C 22.2 No. 5.

Additionally, the NOARK B1E Series comply with UL 1077 for Supplemental Protector applications while also complying with both CSA 22.2 No. 235, IEC 60947-2 and UL 486 standards for connection terminals which allows the user to apply field wiring directly to the breaker. Inquire with ITC for more details on the B1E series.

Features and specifications:

- Three Terminal Options:
 - o Box Lug
 - o Ring Tongue Terminal
 - o Quick Connect
- Multiple Accessories
 - o Extended rotary handle
 - o Electrical auxiliaries: auxiliary, shunt trip, under-voltage trip
 - o Jumper combs
 - Locking device
- Flexible Terminals
 - o Less physical demand
 - o Detachable shield to make it faster and easier for installer
- Status indicator (red/green)
- Module width: 18mm (0.71") per pole
- No. of poles: 1, 2, 3
- Voltage Ratings: AC: 120, 240, 277, 480Y/277
- Amperage ratings: 0.5~63 A
- Trip Curves: B, C, D
- Interupting capacity: 10 kA
- Approvals: cULus (UL 489, CSA 22.2 No. 5-16, IEC 60947-2); # E355392







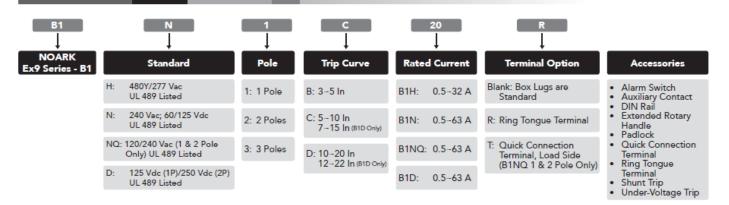
DC: 60, 125, 250



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		B1H			B1N			B1NQ		B1D		
Conformed Standard					-		UL 489					
Number of Poles		1	2	3	1	2	3	1	2	1	2	
Rated Operational Voltage (V)		480Y/277 Vac			240 Vac 125 Vdc	240 Vac	120/240 Vac		125 Vdc	250 Vdc		
Rated Frequency (Hz)		50/60 -								-		
Rated Current (A)			0.532		0.563							
Instantaneous Tripping Type		B (3-5 In), C (5				C (5-10 ln), D (10-20 ln)				C (7-15 ln), D (12-22 ln)		
Interrupting (kA)	120 Vac			-			-		0			
	240 Vac	10				10		10				
	277 Vac		10									
	480Y/277 Vac	-						-				
	60 Vdc				10	10	-					
	125 Vdc		-		-	10			-	10	-	
	250 Vdc										10	
Inverse Time-Delay Over-Current Release Type		Thermal-Magnetic										
Service Life	Electrical	10,000						6,000				
Service Lite	Mechanical			20,	000			10,000				
Protection Degree		IP 20										
Wire AWG (mm ²)	Single Wire	184 (0.7525)										
wire AwG (mm ⁻)	Two Wires	186 (0.7516 / 1410 (2.56)										
Operating Temperature Range		-22 °F to 167 °F (-30 °C to +75 °C)										
Insulation	Rated Insulation Voltage (V)	500										
Coordination	Rated Impulse Withstand Voltage (kV)	6										
Pollution Degree		Class III										
Over Voltage Category		Class III										
Mounting		35 mm DIN rail / Flush and surface mount available on B1NQ with the use of additional mounting clips										
Altitude ft (m)		Does not exceed 6,561 (2,000)										
Atmospheric Conditions		At 68 °F (+20), the relative humidity does not exceed 90% At 104 °F (+40), the relative humidity does not exceed 50%										

Product Selection Guide



Printed in Canada: 20-10