

## Information Sheet DIN Rail Supplementary Protectors Ex9 Series - B1E



### NOARK Electric's B1E Supplementary Protectors A perfect blend of quality, performance and exceptional value

#### Broad Product Range

- Amperage ratings: 1~125 A

#### Rugged Performance

- 5 kA rms interrupting rating @ 480Y/277 Vac

#### Global Acceptance

- Certified to UL 1077, CSA 22.2 and IEC 60947-2

#### Four Short-Circuit Protection Levels

- B Curve (3~5 In)
- C Curve (5~10 In)
- D Curve (10~20 In)
- 8~12 In (80~125 A only)

#### Multiple Accessories

- Extended rotary handle
- Electrical auxiliaries
- Locking device



		<b>B1E</b>							
Conformed Standard		UL 1077							
Rated Operational Voltage (V)		480Y/277 Vac; 125 Vdc							
Rated Frequency (Hz)		50/60							
Rated Current (A)		1~63				80~125			
Number of Poles		1	2	3	4	1	2	3	4
Instantaneous Tripping Type		B (3~5 In), C (5~10 In), D (10~20 In)				8~12 In			
Interrupting (kA)	120 Vac	10							
	120/240 Vac								
	240 Vac		10						
	277 Vac	5						5	
	480 Vac								
	480Y/277 Vac			5					
	60 Vdc		10						
	60/110 Vdc					10			
	110 Vdc							10	
	125 Vdc			10					
220 Vdc								10	
Inverse Time-Delay Over-Current Release Type		Thermal-Magnetic							
Service Life	Electrical	6,000				1,500 (80~100 A) 1,000 (125 A)			
	Mechanical	20,000				8,000 (80~100 A) 7,000 (125 A)			
Protection Degree		IP 20							
Wire AWG (mm <sup>2</sup> )		14~4 (2.5~21)				4~1/0 (21~53.5)			
Testing Ambient Air Temperature Range		23 °F to 104 °F (-5 °C to +40 °C)							
Working Ambient Air Temperature Range		-22 °F to 167 °F (-30 °C to +75 °C)							
Insulation Coordination	Rated Insulation Voltage (Vac)	500							
	Rated Impulse Withstand Voltage (kV)	6				8			
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), the relative humidity does not exceed 90% At 104 °F (+40), the relative humidity does not exceed 50%							

## Product Selection Guide

