

High Current UL1077 Circuit Breakers NDB1-125

- 1, 2, 3 and 4 Poles
- 50, 63, 80, 100, and 125 Amps
- C and D Trip Curves
- UL1077, E300669
- Red visual trip indicator
- Easy to Wire, Screw-Clamp Connections
- Standard 35mm DIN Rail Mounted

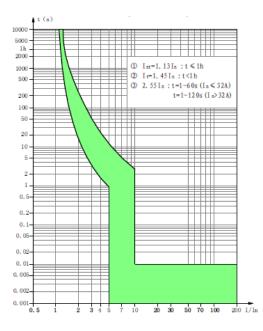
The NDB1 series of circuit breakers provide the short circuit and overload protection, control and isolation functions. Applicable to the low-voltage terminal distribution in the industry, civil buildings, energy, communication, infrastructure and other fields.

Specifications

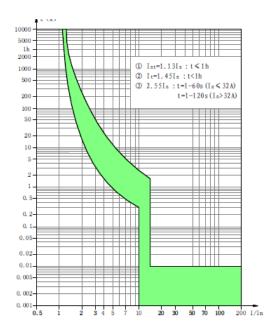
Wire Size:	#8 - 1/0 AWG	
Terminal Screw:	M7	
Torque:	3.5N-m (31 lbin)	
Interupt Capacity:	5kA	
Mechanical Life:	10,000 Operations	
Operating Temperature Range:	-35C to 70C	
Max Voltage:	240V AC (1P,2P), 480V AC(3P, 4P), 60	DV DC



C - Trip Curve



D - Trip Curve



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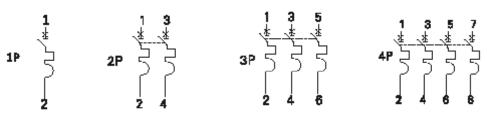
Automation Systems Interconnect = P.O. Box 1340, Mechanicsburg, PA 17055 = Phone: (717) 249-5581 or (877) 650-5160

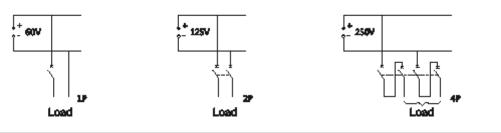


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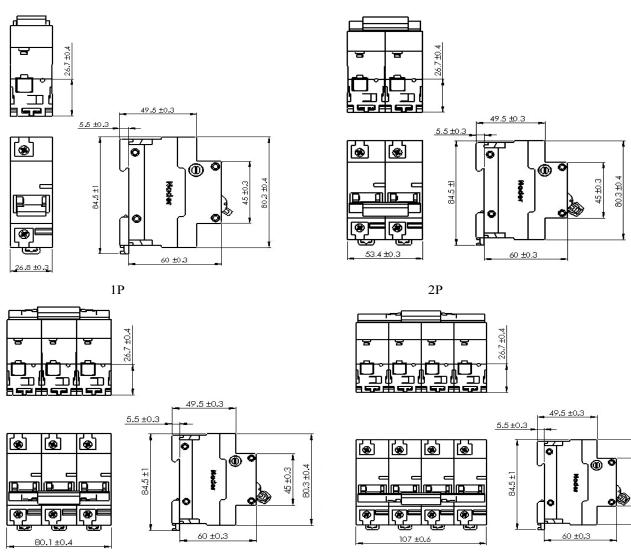
45±0.3 80.3±0.4

Wiring Diagrams





Dimensions



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1 Pole - C Trip Curve		
Rated Current	Item Number	
50 Amp	NDB1-125C50-1	
63 Amp	NDB1-125C63-1	
80 Amp	NDB1-125C80-1	
100 Amp	NDB1-125C100-1	
125 Amp	NDB1-125C125-1	
1 Pole - D Trip Curve		
Rated Current	Item Number	
50 Amp	NDB1-125D50-1	
63 Amp	NDB1-125D63-1	
80 Amp	NDB1-125D80-1	
100 Amp	NDB1-125D100-1	
125 Amp	NDB1-125D125-1	

2 Pole - C Trip Curve		
Rated Current	Item Number	
50 Amp	NDB1-125C50-2	
63 Amp	NDB1-125C63-2	
80 Amp	NDB1-125C80-2	
100 Amp	NDB1-125C100-2	
125 Amp	NDB1-125C125-2	
2 Pole - D Trip Curve		
2 Pole -	D Trip Curve	
2 Pole - Rated Current	D Trip Curve Item Number	
Rated Current	Item Number	
Rated Current 50 Amp	Item Number NDB1-125D50-2	
Rated Current 50 Amp 63 Amp	Item Number NDB1-125D50-2 NDB1-125D63-2	

3 Pole - C Trip Curve		
Rated Current	Item Number	
50 Amp	NDB1-125C50-3	
63 Amp	NDB1-125C63-3	
80 Amp	NDB1-125C80-3	
100 Amp	NDB1-125C100-3	
125 Amp	NDB1-125C125-3	
3 Pole -	D Trip Curve	
3 Pole - Rated Current	D Trip Curve Item Number	



4 Pole - C Trip Curve		
Rated Current	Item Number	
100 Amp	NDB1-125C100-4	
125 Amp	NDB1-125C125-4	

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