CLB-Series

THERMAL CIRCUIT PROTECTORS

Rating:

3 to 60A, 125-250VAC, 32VDC

Approvals:

UL, CUL, CSA, TUV, CE UL1500/ISO8846 for ignition protection/marine

Dielectric Strength:

2500 VAC/1 minute

Interrupting capacity:

2500 amps @ 32 VDC

Insulation Resistance:

100M ohms

Operating Temperature:

-10°C to 60°C

Voltage drop:

< 0.25 V

Applications:

Household Appliances
Transportation
Marine
Power Strips
Medical Equipment
Audio Visual Equipment

ROHS Compliant

Power Supplies





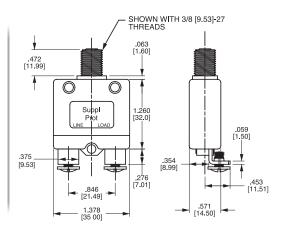
A COMPACT, SINGLE POLE, PUSH-TO-RESET FAMILY OF THERMAL CIRCUIT BREAKERS

Dimensional Specifications:

3-40A Construction

2.310 [58.6]

50 & 60A Construction





Carling Technologies®

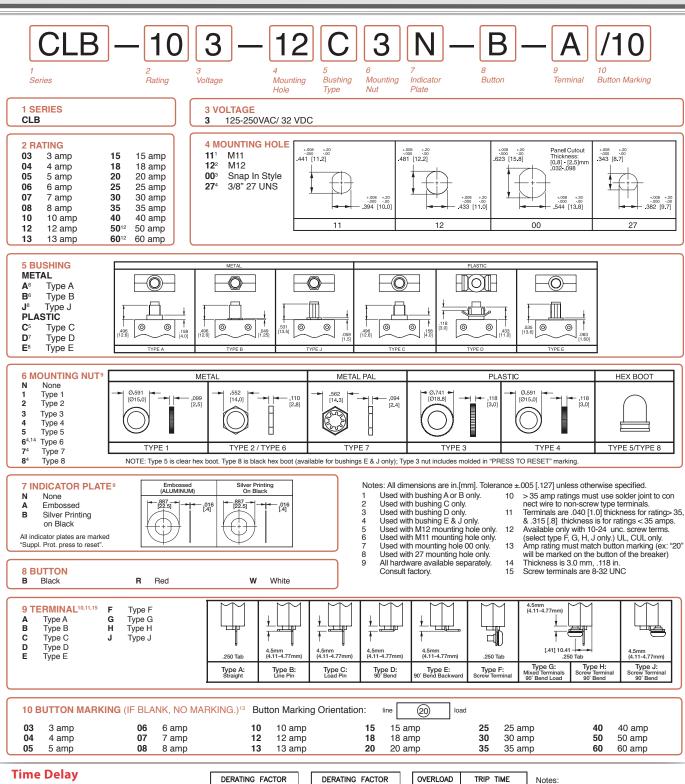
Innovative Designs, Powerful Solutions.

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	NXWVX/YX				
700%	NII VIII VIII				
600%		WWX -			
500%	X				
300%					
400%		9244244			
300%					
200%					
150%				CHANNE	
100%					
100%					
0.01	0.1	1	10	100	1000

DERATING FACTOR			
-10°C	X1.70		
−5*C	X1.60		
0.C	X1.50		
5°C	X1.40		
10°C	X1.30		
15°C	X1.20		
20°C	X1.10		
25°C	X1.00		

DERATIN	G FACTOR
30°C	X0.90
35°C	X0.85
40°C	X0.80
45°C	X0.75
50°C	X0.70
55°C	X0.65
60°C	X0.60

OVERLOAD	TRIP TIME
100 %	NO TRIP
150 %	TRIP IN 1 HR
200 %	4.0~40 sec
300 %	0.9~8.0 sec
400 %	0.42~5.0 sec
500 %	0.25~3.0 sec
600 %	0.1~1.8 sec

Breaker must hold 100% of rated current and must trip at 150% and above, within the time limits shown in curve. Trip times specified at 25° ambient with no preloading.

To adjust the breaker rating for ambient temperature multiply the breaker rating by the factor. (ex: 5 amp rating at 0°C: 5 x .67 = 3.3 amp. Select 3 amp rating.)

*Manufacturer reserves the right to change product specification without prior notice

CB_CLB_01_2013