lechna CIRCUIT PROTECTION

T I 6/T 74 Thermal Breaker







THE TECHNA 16 SERIES 'series-trip', 'push to reset' single pole circuit breaker is based on a proven snapacting bimetallic thermal sensing element system.

Techna T16 series circuit breakers accurately sense overload conditions and interrupt the flow of current. The resettable actuator mechanism then remains disengaged until manually reset. This trusted family of circuit breakers uses proven technology and does so at a very economical price.

The T16 series offers amperage ratings from 3A to 45A*, and is suitable for a diversity of applications. Our products are carefully calibrated and tested to ensure reliable performance under a variety of operating conditions.

Techna 74 Technical Specification

CERTIFICATIONS:	UL, CSA, VDE				
INTERRUPTING CAPACITY:	1000A				
RESETTABLE OVERLOAD CAPACITY:	10 times rated current				
RESET TIME:	minimum 1 minute				
DIELECTRIC STRENGTH:	1,500VAC 1 minute				
Insulation Resistance:	100 MT				
VOLTAGE DROP:	Less than 0.25V				
Temperature Rise at Terminal Block:	Less than 65°C (117°F)				
Accessories	Nameplate, Hex Nut, Knurl Nut (see page 45)				
* Due to ongoing technological advances, consult Techna for maximum current ratings					

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Quick Code Ordering Scheme: T16



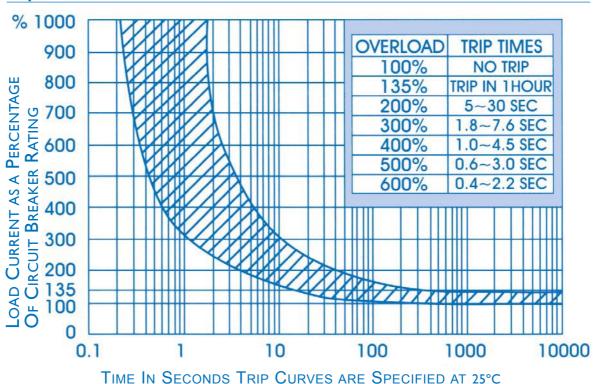
De-rating Multiplication Factors For Ambient Temperatures									
Current Rating	Temperature								
(A)	°C	+10	20	25	+30	+40	+50	+60	
3 to 30A	Factor	.90	.98	1.00	1.10	1.25	1.61	2.00	

For example

Your circuit draws a 10A current and is operating at an ambient temperature of 40°C

From the table above at 40° C the multiplication factor is 1.25 $10A \times 1.25 = 12.5$ so you should use a 12A or 13A breaker for a 10A load operating at 40° C

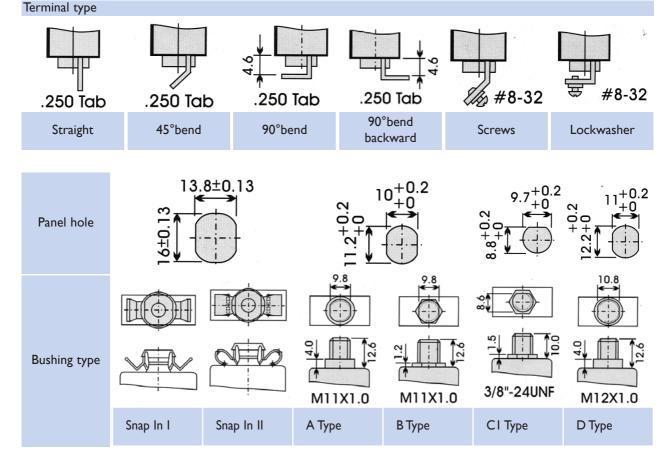
Trip Curves



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Accessories:





Long Code Ordering Scheme with Extended Options: T74

