

Circuit breakers

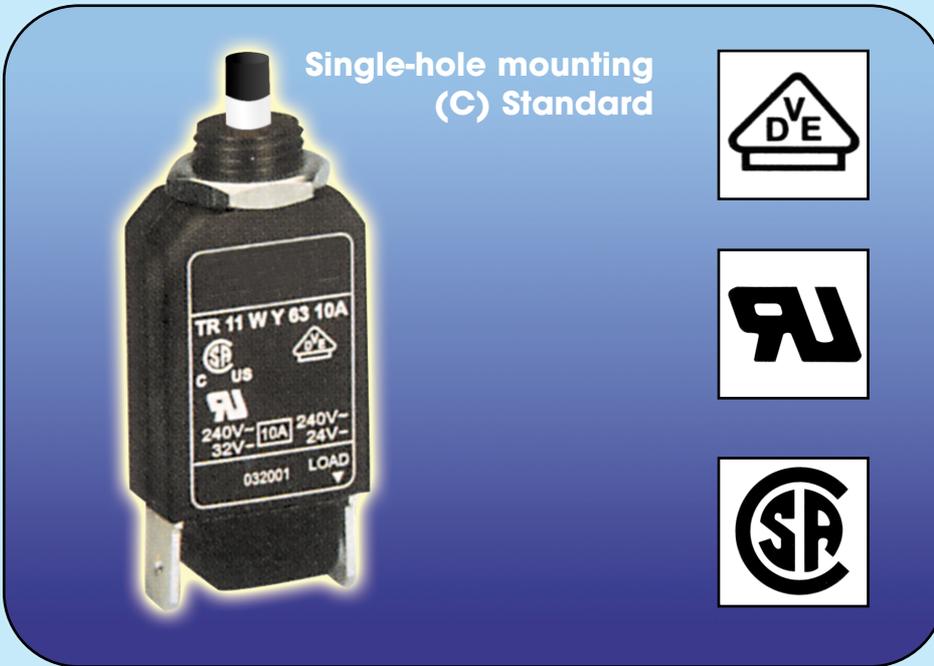
Order code	Manufacturer code	Description
26-5200	TR11C1.0	1A MINIATURE PANEL CIRCUIT BREAKER
26-5202	TR11C2.0	2A MINIATURE PANEL CIRCUIT BREAKER
26-5204	TR11C3.0	3A MINIATURE PANEL CIRCUIT BREAKER
26-5206	TR11C4.0	4A MINIATURE PANEL CIRCUIT BREAKER
26-5208	TR11C5.0	5A MINIATURE PANEL CIRCUIT BREAKER
26-5210	TR11C6.0	6A MINIATURE PANEL CIRCUIT BREAKER
26-5212	TR11C7.0	8A MINIATURE PANEL CIRCUIT BREAKER

Circuit breakers	Page 1 of 3
The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

Techna

Protection

Optional Mountings:



TR11 Thermal Breaker

The TR11 Circuit Breaker for equipment, is a single pole push-to-reset, thermally operated overload protector, providing reliable, trip-free operation on overloads and short circuits, within the maximum breaking capacity specified. The latching trip mechanism maintains high contact force preventing contact bounce and reducing the risk of contact welding. The thermo bimetal strip is immune to high inrush currents and line transients and the contacts open even if the reset button is held in the closed position, so providing fully "trip-free" operation. A white indicator band on the button shows the tripped condition.

Current Ratings: Amps

0.5, 0.9, 1.0, 1.2, 1.5, 1.8, 2, 2.2, 2.5, 2.7, 3, 3.3, 4, 5, 6, 6.5, 7, 8, 9, 10, 12

Approvals:



an ISO 9001 Manufacturer

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Snap-in (S)



Wing-clips (W)



Integral (B)



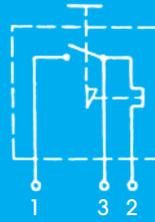
Schematic standard



Use 1 and 2
for $I_n < 10\text{ A}$

Use 1 and 3
for $I_n > 10\text{ A}$

Schematic - with shunt terminal (3) up to 6 A



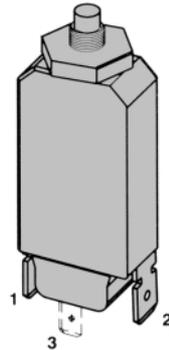
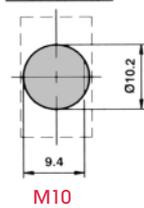
A shunt terminal is available in units with current ratings up to and including 6 amps.

It provides a parallel switched circuit to the main protected circuit as shown in the schematic. The current path through the shunt terminal is not thermally protected.

Central Mounting (C)

Terminals

Panel cutout



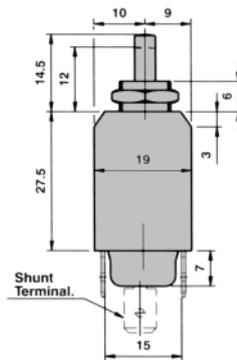
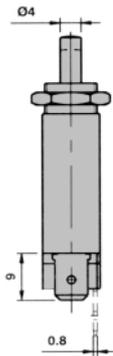
Technical Data

Current Rating in Amp: 0.5, 0.9, 1.0, 1.2, 1.5, 1.8, 2, 2.2, 2.5, 2.7, 3, 3.3, 4, 5, 6, 6.5, 7, 8, 9, 10, 12
 Rated Voltage: 240~ 50/60 c/s, 32V DC/24V DC (VDE)
 Initial Insulation Resistance: > 100 Megohms (as per IEC 60934)
 Di-Electric Strength: 1.5 KV for One minute (as per IEC 60934)
 Overload Switching Capacity: 6x I_n ~, 4x I_n - (as per IEC 60934)
 Maximum Breaking Capacity: 8x I_n for <6A, 6x I_n or 60A (whichever is higher) for $\geq 6\text{ A}$
 Power Loss: 1 - 2 Watts
 Operating Temperature: Maximum 60°C Amb.
 Operational Life at 2x I_n : 1000 cycles
 Limited short circuit current: 1000 Amps PC 1
 Applicable Standards: IEC 60934, CSA 22.2 No. 235, UL-1077

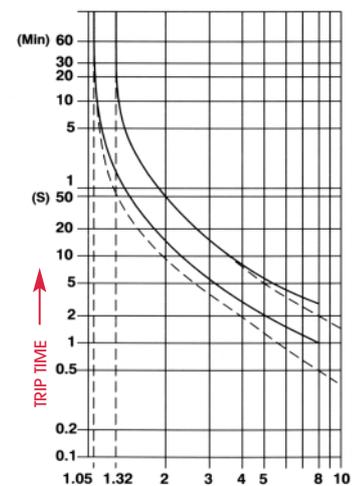
Approvals:



Dimensions



Trip Curve



Ambient Temperature Correction Factors:

Ambient Temp. °C	-20	0	+10	+20	+30	+40	+50	+60
Multiplication Factor	0.8	0.9	0.96	1	1.05	1.12	1.2	1.3

Ordering: (Standard products in red)

Ordering Example:

Circuit Breaker type

Mounting type

Built in - B
 Central nut - C
 Snap fit - S
 Wing clips - W

TR-11 C X or Y 63 7A S4 / S5 / S6 — button print

Current Rating 0.5 to 12 A

Contact Size

6.3 - 63
 4.8 - 48

Contact Configuration

Terminal 1&2 - X
 Terminal 1&3 - Y
 Shunt terminal - N

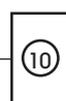
Note!
 Terminal 1 and 2 for $I_n \leq 10\text{ A}$
 Terminal 1 and 3 for $I_n > 10\text{ A}$

S4



Horizontal Rating

S5



Vertical Rating

S6



Blank Button