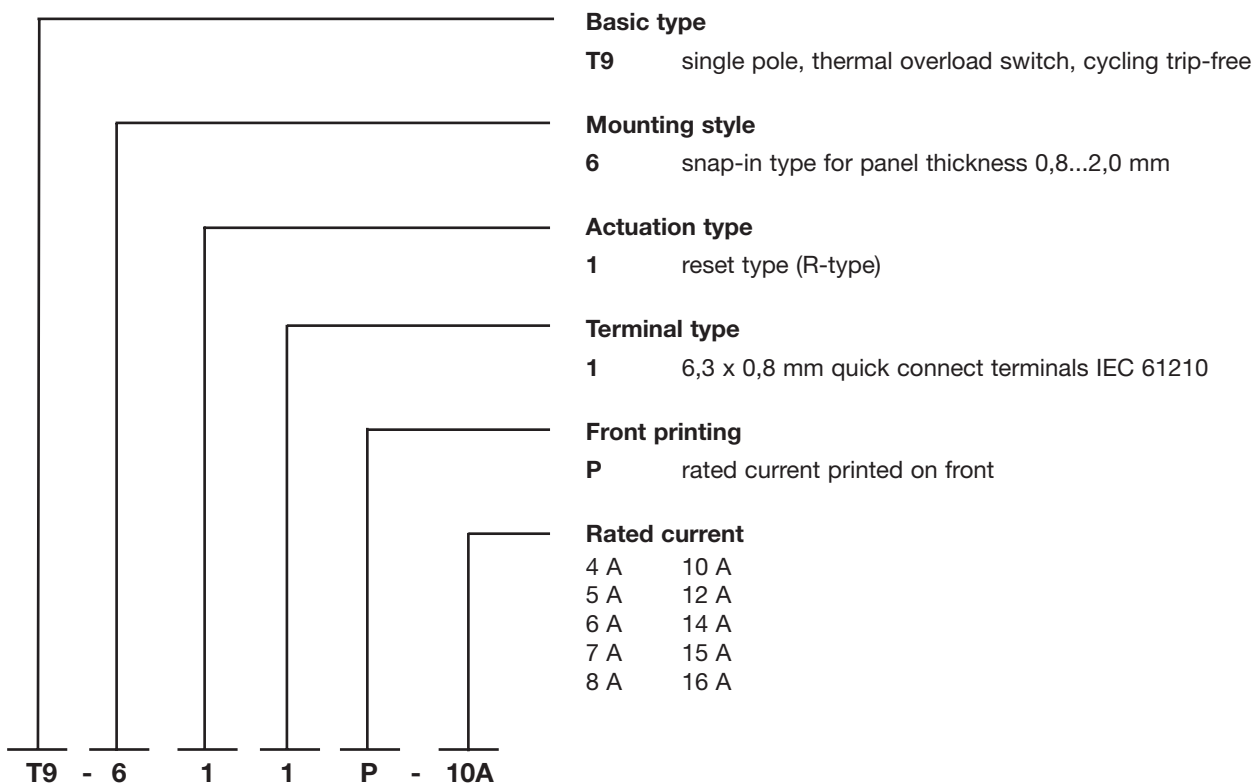


Approvals

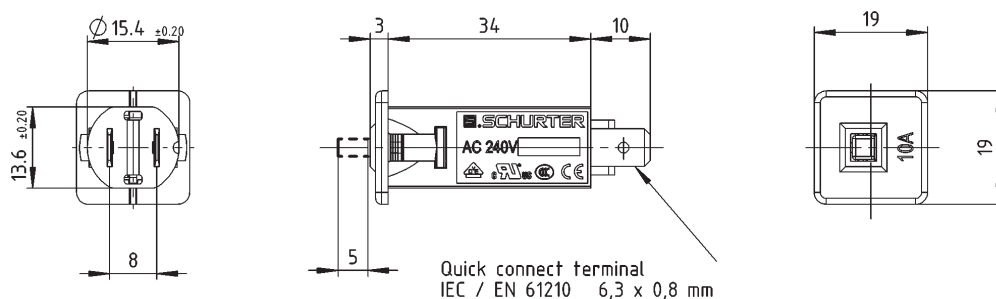
			Rated currents	Rated voltage AC	Rated voltage DC
	UL	UL 1077	4 - 8 A	240 V	48 V
			10 - 16 A	240 V	32 V
	UL	CSA C22.2 235	4 - 8 A	240 V	48 V
			10 - 16 A	240 V	32 V
	VDE	EN 60934	4 - 16 A	240 V	48 V
	CQC	GB 17701	4 - 16 A	240 V	48 V

Actual information about approvals can be found on: www.schurter.com/approvals

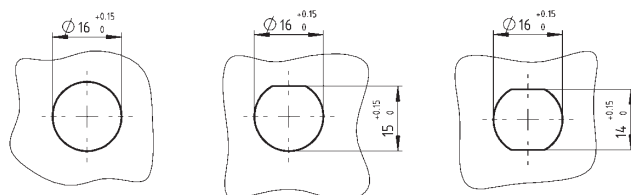
Order code



Dimensions



Mounting Holes



Thickness of mounting panel
S = 0,8 - 2,0 mm

Recommended mounting panel thickness
0,8 / 1,2 / 1,6 / 2,0 mm

Circuit Breakers for Equipment

T9



Lead-free

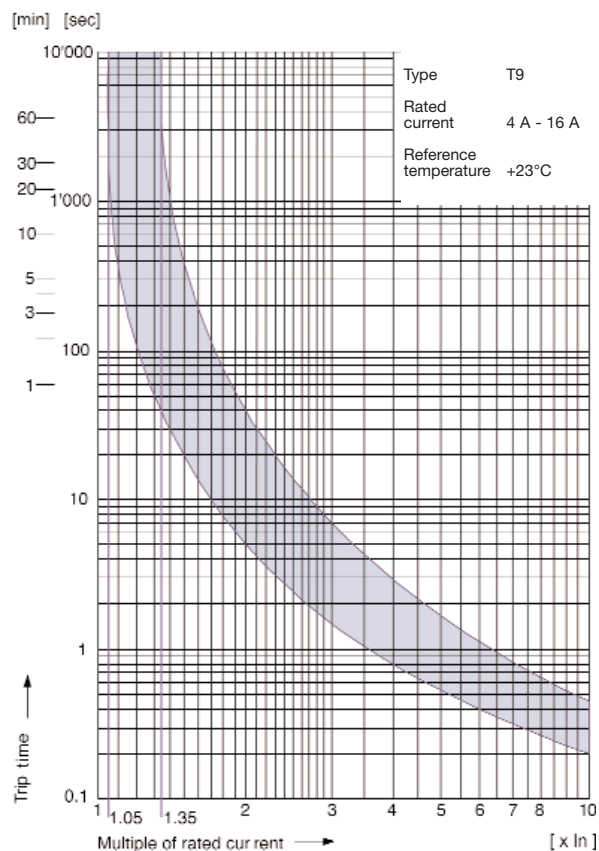
Product description

T9 is a single pole thermal circuit breaker with cycling trip-free release in a compact housing. The attractive design offers snap-in mounting, quick connect terminals and push to reset operation.

Rated currents available from 4 A up to 16 A.

Typical applications are power supplies, charging units, power tools, household appliances, electrical machines for leisure and hobby.

Tripping characteristics



Effect of ambient temperature

The units are calibrated for an ambient temperature of +23°C. To determine the rated current for a lower or higher ambient temperature, use a correction factor from the table below:

Ambient temperature (°C)	Correction factor
- 5	0,90
+ 10	0,95
+ 23	1,00
+ 40	1,08
+ 60	1,21

Example

Rated current at +23°C	10,0 A
Ambient temperature	+ 60°C
Correction factor	1,21
Chosen rated current at +60°C ambient temperature	$10,0 \text{ A} \times 1,21 = 12,1 \text{ A}$

Technical data

Rated voltage U_e	see approvals	AC 240 V DC 48/32 V
Rated current I_n	see approvals	4 - 16 A
Conditional short circuit current I_{nc}	PC1, AC 240 V	2000 A
Short circuit capacity I_{cn}	AC 240 V	$8 \times I_n$
Degree of protection	Accessible range	IP 40
	Termination range	IP 00
Dielectric strength		AC 1500 V
Insulation resistance	DC 500 V	> 100 MΩ
Ambient temperature		- 5°C to + 60°C
Type of actuation	Reset Type (manual)	R
Type of tripping		Cycling trip-free
Weight		9 g