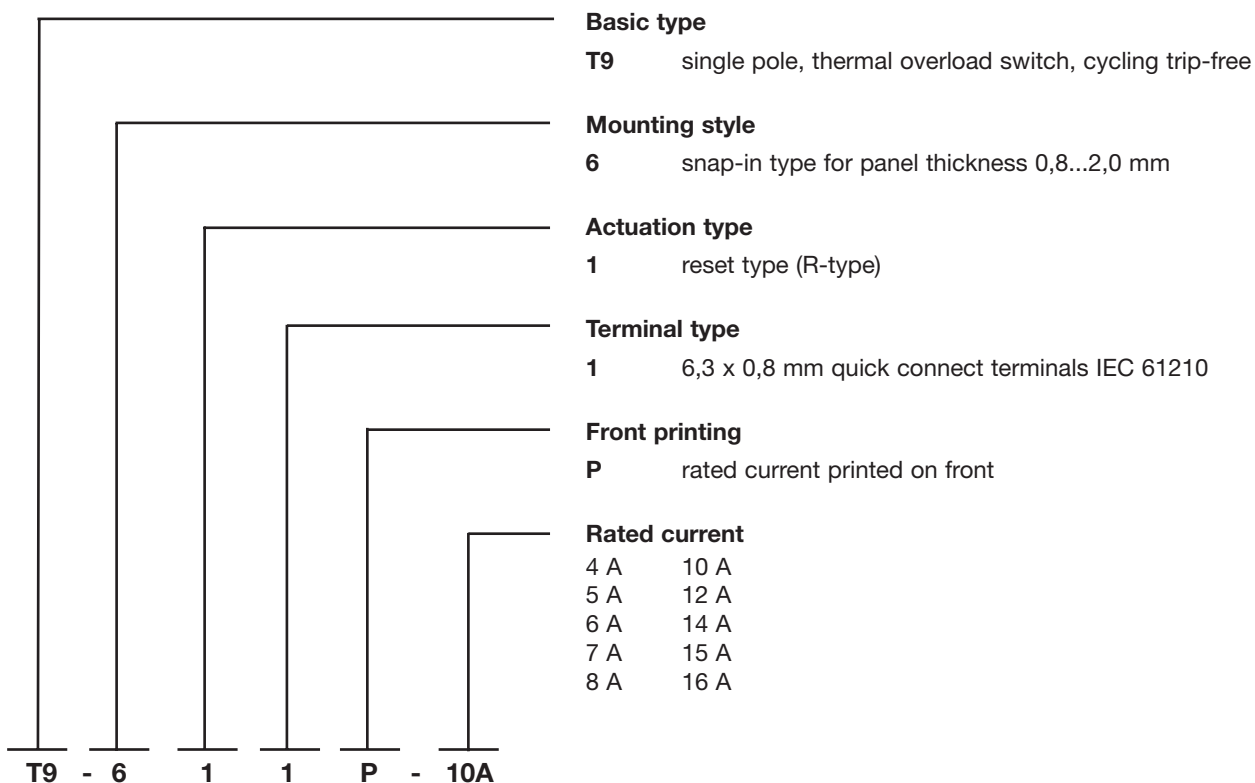


Approvals

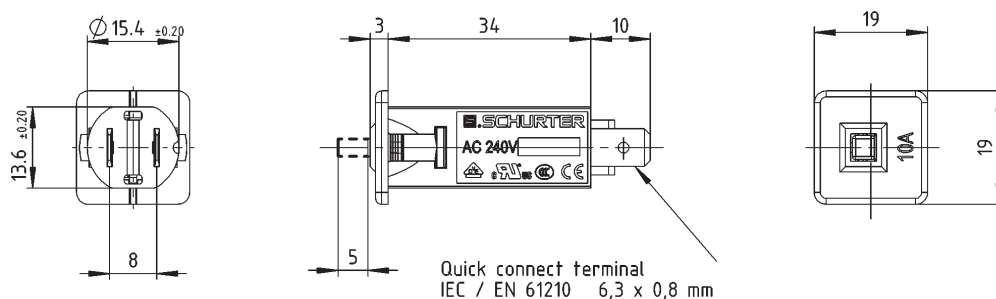
		Rated currents	Rated voltage AC	Rated voltage DC
	UL	UL 1077	4 - 8 A	240 V
			10 - 16 A	240 V
	UL	CSA C22.2 235	4 - 8 A	240 V
			10 - 16 A	240 V
	VDE	EN 60934	4 - 16 A	240 V
	CQC	GB 17701	4 - 16 A	240 V

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

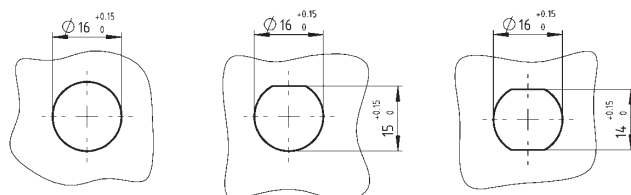
Order code



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



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.

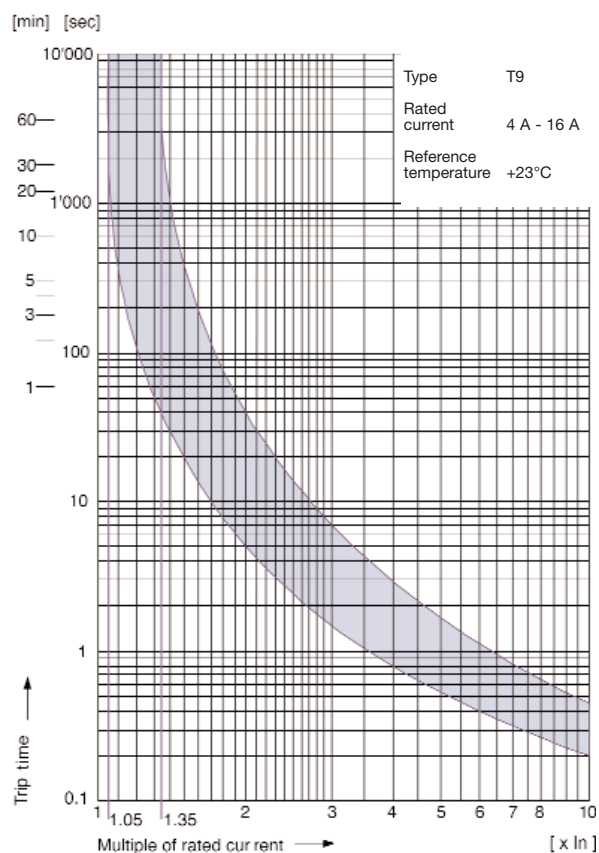
Typical applications are power supplies, charging units, power tools, household appliances, electrical machines for leisure and hobby.

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

Tripping characteristics



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