

THERMAL CIRCUIT BREAKERS TYPE K700



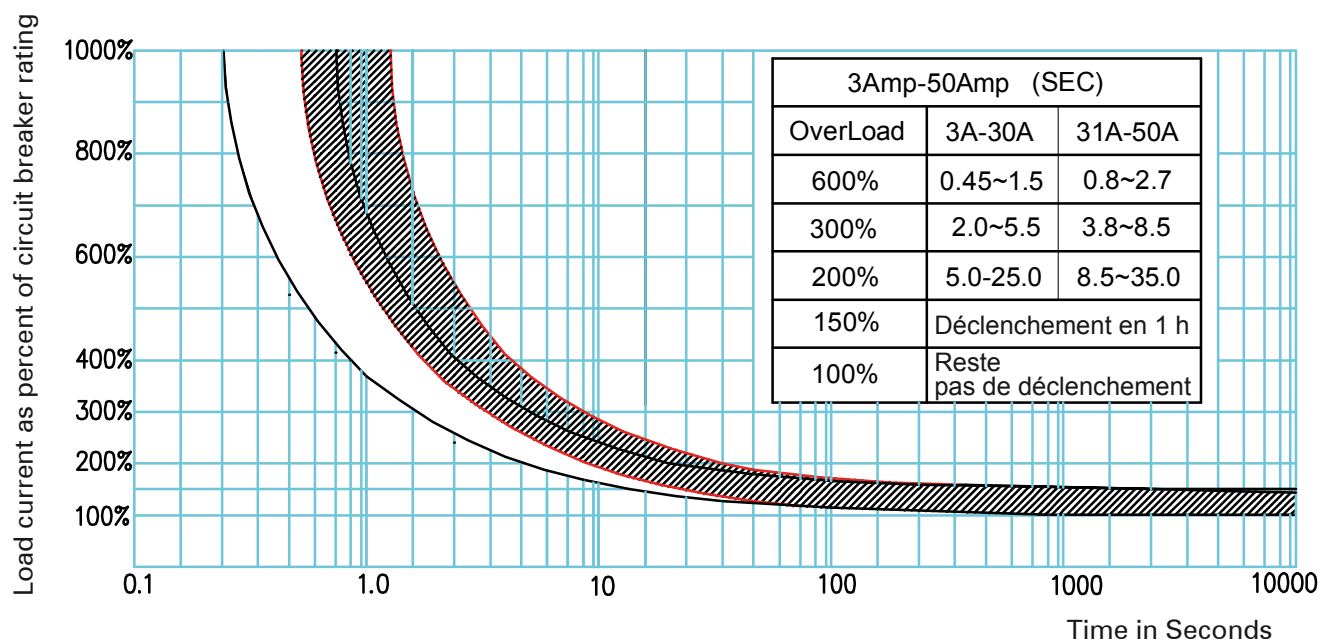
User's manual

THERMAL CIRCUIT BREAKERS (PUSH TO RESET)

Technical data

Rated current	3,4,5,6,8,10,12,14 or 16A
Input power	250 Vac
Interruption capacity	200 A x 250 V = 50 KVA
Dielectric strength	150 V/min
Resstable overload capacity	6 time rated current
Voltage drop	<0,25 V
Insulation resistance	>500 MΩ
Reset time	Within 60 sec
Temperature rise at terminal block	< 65°C at 100% of rated current applied continuously
Contact endurance	> 500 cycles
Approvals	UL cUL 3A-30A E155159(S) / VDE 3A-16A 40010769 complies with Rohs

Trip Time Curves (22°C / 77° F)

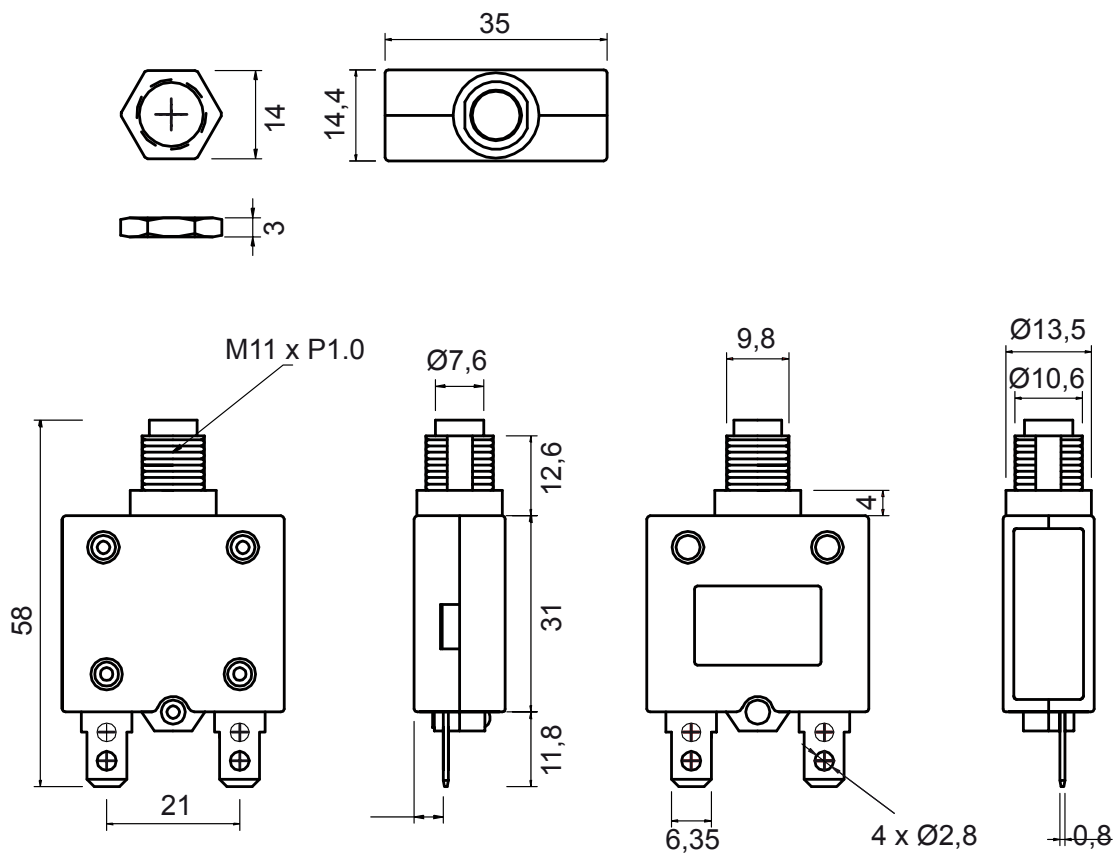


Ambient Temperature Correction Factor

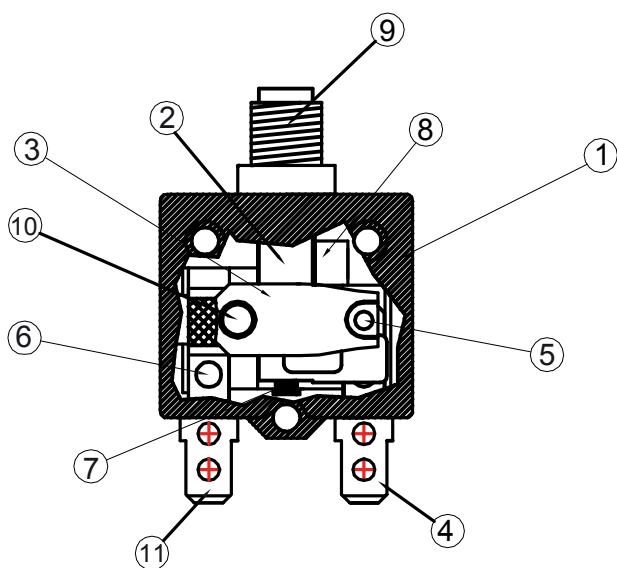
Temperature °C	-5°	0°	10°	20°	25°	30°	40°	50°	60°
Facteur X	1.3	1.2	1.1	1.05	1	0.9	0.8	0.7	0.6

Please multiply the current breaker current ratings by the derating factor shown below.

Dimensions (mm)



Construction



1	Case	Phenolic
2	Push rod	Phenolic
3	Bimetal	EMS, HooD, Sumitomo
4	Terminal	Copper alloy 0,8t
5	Contact	Ag-CdO
6	Rivet	Aluminium alloy
7	Spring	Stainless
8	Base	Phenolic
9	Mounting means	Plated metal
10	Washer	Copper alloy 0,8t
11	Terminal	Copper alloy 0,8t
12	Hexnut	Aluminium alloy