

auto electrical parts

Technical Information Sheet

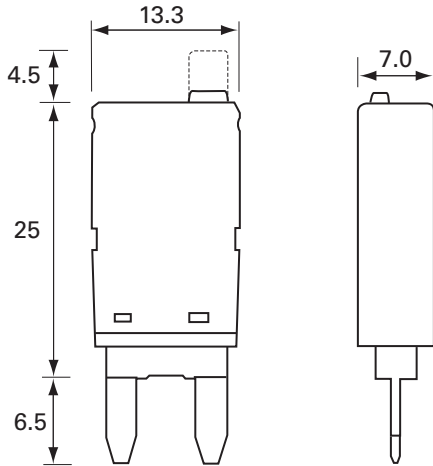
Part No. 0-380-55 to 0-380-80

Circuit breaker, for 12/24 volt dc systems. Thermal with manual re-set. Will replace standards mini blade fuses in many fuseholders and boxes.

Part Number	rated at	colour
0-380-55	5 amp	tan
0-380-58	7.5 amp	brown
0-380-60	10 amp	red
0-380-65	15 amp	blue
0-380-70	20 amp	yellow
0-380-75	25 amp	white
0-380-80	30 amp	green

The rated value is at 23°C and should be derated as temperature changes to avoid nuisance tripping.

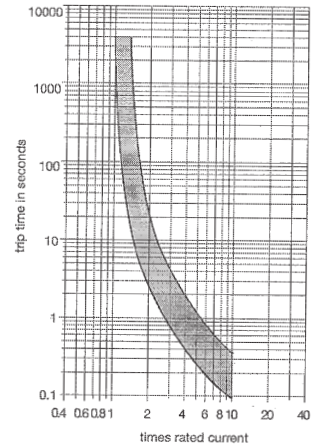
Technical Drawing (not to scale)



Time/Current Graph

Graph derating factor

-40°C	0.73
-30°C	0.78
-20°C	0.82
-10°C	0.86
0°C	0.91
10°C	0.95
23°C	1
40°C	1.09
50°C	1.16
60°C	1.25
70°C	1.33
85°C	1.43



Specification

Type	Circuit breaker
Voltage	12/24 volt dc (max 29 volt dc)
Voltage drop	< 150mV
Current ratings	5 - 30 amp
Short circuit breaking capacity	300 operations at $2 \times I_N$ ≥3 operations at 150 amp ≥1 operation at 2000 amp
Degree of protection (IP)	Operating area IP40, terminal area IP00
Vibration	10g (57-500 Hz)
Shock	50g (11ms)
Operating temperature	-40°C to +85°C
Humidity	95% RH
Weight	3g
Dimensions	l 13.3 x w 7 x h 36 (inc blades and trip extended)

The information contained in this document is correct to the best of our knowledge at the time of printing. However, specifications may change at any time without notice.

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