



Contact element -
Screw
termination
8LM2TC10

Product designation

Product type designation

Electrical characteristics

Rated insulation voltage U_i IEC/EN	V	690
IEC Conventional free air thermal current I_{th}	A	10
Conductivity		5V 10mA
UL/CSA and IEC/EN 60947-5-1 designation		A600 Q600

Operating current AC15

12V	A	6
24V	A	6
48V	A	6
120V	A	6
240V	A	3
400V	A	1.9
480V	A	1.5
500V	A	1.4
600V	A	1.2

Operating current DC13

12V	A	3
24V	A	3
48V	A	1.5
125V	A	0.55
250V	A	0.27
440V	A	0.15
500V	A	0.13
600V	A	0.1

Contact resistance	mΩ	≤20
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Mechanical features

Tightening torque for terminals max	Nm	1
Terminals screw		Clamp screw with washer

Conductor section

AWG/kcmil conductor section

max	12
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IEC

max	mm ²	1 or 2 2.5
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Weight	g	11
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Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+60

Storage temperature

min	°C	-40
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max °C +70

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

Certificates

CCC

cULus

EAC

LROS

RINA