



Contact element -  
Screw  
termination  
8LM2TC01

## Product designation

Product type designation

## Electrical characteristics

Rated insulation voltage Ui IEC/EN	V	690
IEC Conventional free air thermal current Ith	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
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Terminals screw	Clamp screw with washer
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Conductor section	AWG/kcmil conductor section			
	max		12	
	IEC			
	max	mm <sup>2</sup>	1 or 2 2.5	

Weight	g	11
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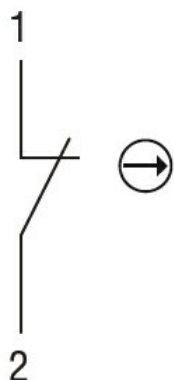
## Ambient conditions

## Temperature

Operating temperature	min	°C	-25
	max	°C	+60
Storage temperature	min	°C	-40

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  
UL