

Product designation	Undervoltage trip releases		
Product type designation	SM1X		
Description	Undervoltage trip releases		
Accessories for	SM1P..., SM1R...		
<b>Auxiliary contact characteristics</b>			
Rated insulation voltage Ui IEC/EN	V	690	
Rated impulse withstand voltage Uimp	kV	4	
<b>Operational characteristics</b>			
Rated supply voltage AC	VAC	110	
Rated frequency	Hz	50	
In-rush consumption	VA	12	
Holding consumption	VA	3.5	
Release voltage	Us	35...70	
Operating voltage	US	85...110	
<b>Mechanical features</b>			
Tightening torque for terminals	min	Nm	1
	max	Nm	1
	min	lbin	9
	max	lbin	9
Conductor section	AWG/Kcmil		
	min	18	
	max	14	
	Flexible w/o lug conductor section		
	min	mm <sup>2</sup>	0.75
	max	mm <sup>2</sup>	2.5
	Flexible c/w lug conductor section		
	min	mm <sup>2</sup>	0.75
	max	mm <sup>2</sup>	2.5
Operating position	normal allowable	Vertical Any	
Terminals	type screw width tool	mm	Screw M3.5 7.2 Ph2
Weight		g	130
<b>Operations</b>			
Mechanical life		cycles	100000
<b>Ambient conditions</b>			
Temperature	Operating temperature		
	min	°C	-20
	max	°C	+60
	Storage temperature		
	min	°C	-50
	max	°C	+80
Max altitude		m	3000
IEC degree of protection		IP20	

Dimensions

Wiring diagrams

Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

Certificates

cULus

EAC

ETIM classification