

Product designation				Undervoltage trip releases
Product type designation				SM2X
Description				Undervoltage trip releases
Accessories for				SM2R..., SM3R...
<b>Auxiliary contact characteristics</b>				
Rated insulation voltage $U_i$ IEC/EN	V			690
Rated impulse withstand voltage $U_{imp}$	kV			4
<b>Operational characteristics</b>				
Rated supply voltage AC	VAC			230
Rated frequency	Hz			50/60
In-rush consumption	VA			8.5
Holding consumption	VA			3
Release voltage	Us			35...70
Operating voltage	US			85...110
<b>Mechanical features</b>				
Tightening torque for terminals		min	Nm	1.2
		max	Nm	1.2
		min	lbin	10
		max	lbin	10
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 tool		Screw Pz2
Weight			g	100
<b>Operations</b>				
Mechanical life			cycles	100000
<b>Ambient conditions</b>				
Temperature	Operating temperature			
		min	°C	-20
		max	°C	+70
	Storage temperature			
		min	°C	-50
		max	°C	+80
Max altitude			m	3000
IEC degree of protection				IP20
<b>Dimensions</b>				
<b>Wiring diagrams</b>				

**Certifications and compliance**

Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

Certificates

cULus

EAC

**ETIM classification**