

Product designation				Add-on auxiliary contacts
Product type designation				SM1X
Description				Auxiliary contacts for thermal and magnetic tripping indication
Accessories for				SM1P..., SM1R...
<b>Auxiliary contact characteristics</b>				
Type of contact				1NO + 1NC
Rated insulation voltage $U_i$ IEC/EN			V	690
Rated impulse withstand voltage $U_{imp}$			kV	4
UL/CSA and IEC/EN 60947-5-1 designation				A600 - Q600
Min. conductivity				5V 10mA
Operating current AC15				
	24V	A		10
	48V	A		10
	60V	A		10
	110V	A		6
	230V	A		3
	400V	A		1.9
	500V	A		1.4
	690V	A		1.2
Operating current DC13				
	24V	A		2.5
	48V	A		2.5
	60V	A		2.5
	110V	A		0.55
	125V	A		0.55
	220V	A		0.27
	600V	A		0.1
<b>Mechanical features</b>				
Tightening torque for terminals				
	min	Nm		1
	max	Nm		1
	min	Ibin		9
	max	Ibin		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			Screw M3.5

		width tool	mm	7.2 Ph2
Weight			g	36
<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
<b>Dimensions</b>				
<b>Wiring diagrams</b>				
<b>Certifications and compliance</b>				
Compliance				
	CSA C22.2 n° 14			
	IEC/EN 60947-1			
	IEC/EN 60947-5-1			
	UL508			
Certificates				
	cULus			
	EAC			
<b>ETIM classification</b>				