



Product designation	Add-on auxiliary contacts
Product type designation	SM1X
Description	Auxiliary contacts for thermal and magnetic tripping indication
Accessories for	SM1P..., SM1R...

Auxiliary contact characteristics

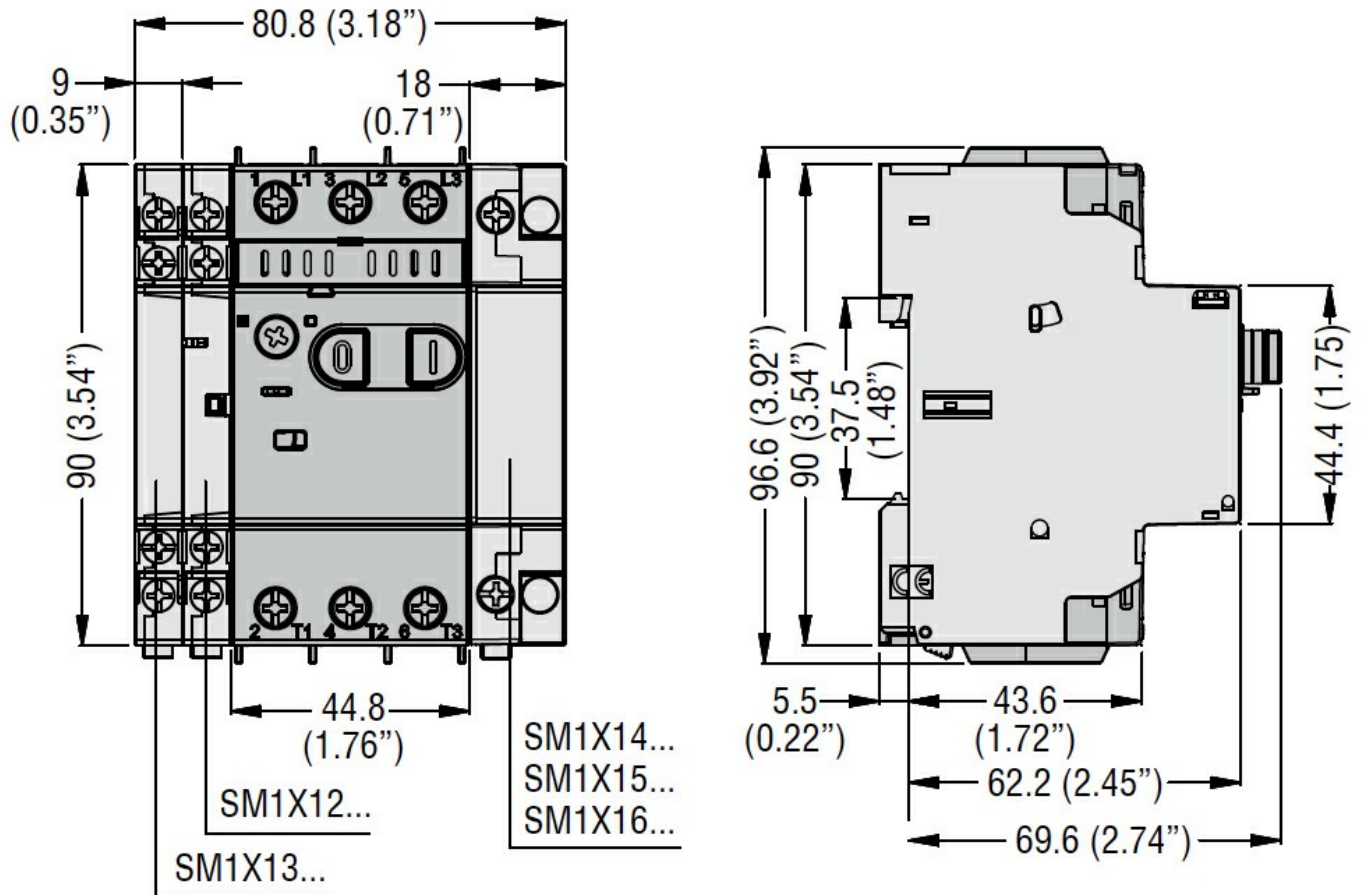
Type of contact	1NO + 1NC		
Rated insulation voltage U_i IEC/EN	V	690	
Rated impulse withstand voltage U_{imp}	kV	4	
UL/CSA and IEC/EN 60947-5-1 designation	A600 - Q600		
Min. conductivity	5V 10mA		
Operating current AC15			
	24V	A	10
	48V	A	10
	60V	A	10
	110V	A	6
	230V	A	3
	400V	A	1.9
	500V	A	1.4
	690V	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

Mechanical features

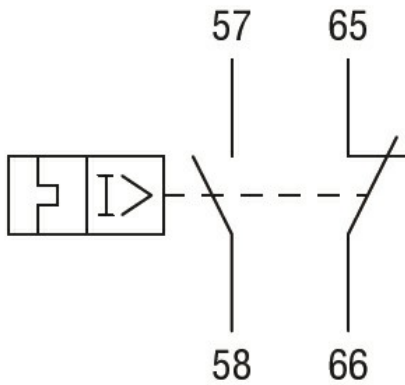
Tightening torque for terminals			
	min	Nm	1
	max	Nm	1
	min	lbin	9
	max	lbin	9
Conductor section			
AWG/Kcmil			
	min	18	
	max	14	
Flexible w/o lug conductor section			
	min	mm ²	0.75
	max	mm ²	2.5
Flexible c/w lug conductor section			
	min	mm ²	0.75

		max	mm ²	2.5
Operating position		normal allowable	Vertical Any	
Terminals		type screw width tool	mm	Screw M3.5 7.2 Ph2
Weight			g	36
Operations				
Mechanical life			cycles	100000
Ambient conditions				
Temperature	Operating temperature	min max	°C	-20 +60
	Storage temperature	min max	°C	-50 +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