

Product designation				Add-on auxiliary contacts	
Product type designation				SM1X	
Description				Add-on auxiliary contacts - front mount	
Accessories for				SM1P..., SM1R...	
Auxiliary contact characteristics					
Type of contact				1NO + 1NC	
Rated insulation voltage U_i IEC/EN	V			300	
Rated impulse withstand voltage U_{imp}	kV			4	
UL/CSA and IEC/EN 60947-5-1 designation				C300 - R300	
Min. conductivity				5V 10mA	
Operating current AC15	24V	A	5		
	48V	A	5		
	60V	A	5		
	110V	A	1.5		
	230V	A	0.75		
	Operating current DC13	24V	A	1	
48V		A	1		
60V		A	0.5		
110V		A	0.22		
125V		A	0.22		
220V		A	0.11		
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	Vertical			
	allowable	Any			
Terminals	type	Screw			
	screw	M3.5			
	width	mm	7.2		
	tool	Ph2			
Weight				g 16	
Operations					
Mechanical life				cycles 100000	

Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60

Storage temperature

min	°C	-50
max	°C	+80

Max altitude

m	3000
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IEC degree of protection

IP20

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