

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 $U_i$ IEC/EN	V			690
Rated impulse withstand voltage $U_{imp}$	kV			4
<b>Operational characteristics</b>				
Rated supply voltage AC	VAC			220
Rated frequency	Hz			60
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	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	

ETIM classification

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