



Product designation	Undervoltage trip releases
Product type designation	SM1X
Description	Undervoltage trip releases
Accessories for	SM1P..., SM1R...

Auxiliary contact characteristics

Rated insulation voltage U_i IEC/EN	V	690
Rated impulse withstand voltage U_{imp}	kV	4

Operational characteristics

Rated supply voltage AC	VAC	400
Rated frequency	Hz	50
In-rush consumption	VA	12
Holding consumption	VA	3.5
Release voltage	Us	35...70
Operating voltage	US	85...110

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	130
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Operations

Mechanical life	cycles	100000
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Ambient conditions

Temperature		
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Operating temperature

min	°C	-20
max	°C	+60

Storage temperature

min	°C	-50
max	°C	+80

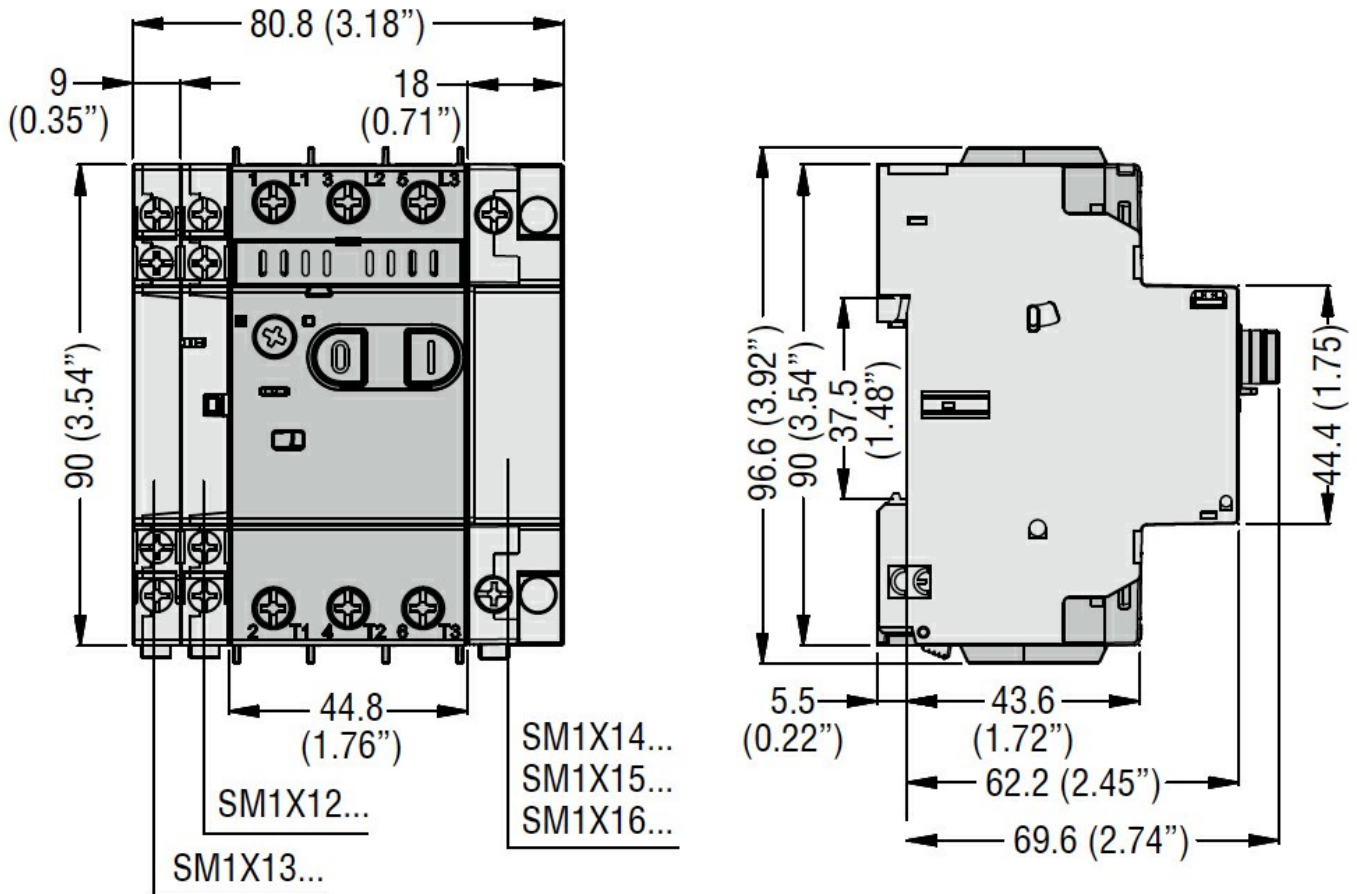
Max altitude

m 3000

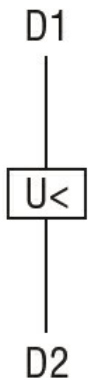
IEC degree of protection

IP20

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	