



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	110	
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 allowable	Vertical Any	
Terminals			
	type screw width tool		Screw M3.5 7.2 Ph2
Weight		g	130
Operations			
Mechanical life		cycles	100000
Ambient conditions			
Temperature			

Operating temperature

min	°C	-20
max	°C	+60

Storage temperature

min	°C	-50
max	°C	+80

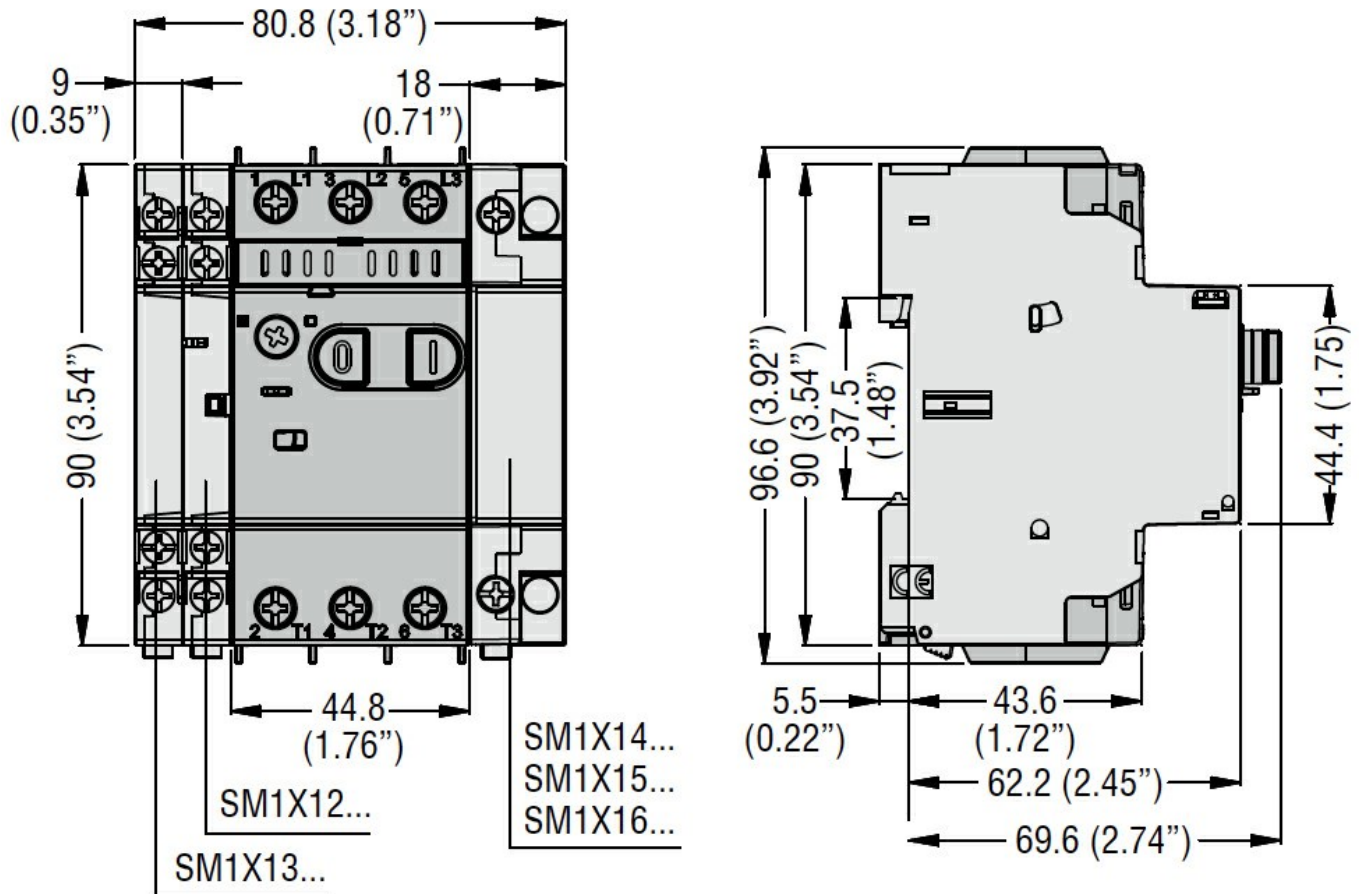
Max altitude

m 3000

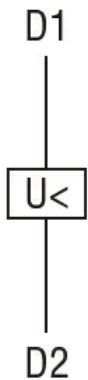
IEC degree of protection

IP20

Dimensions [mm (in)]



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
