



Product designation

Add-on auxiliary contacts

Product type designation

SM1X

Description

Add-on auxiliary contacts - side mount

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 <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
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Terminals

type	Screw
screw width	M3.5
mm	7.2
tool	Ph2

Weight

g	36
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Operations

Mechanical life

cycles	100000
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Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60

Storage temperature

min	°C	-50
max	°C	+80

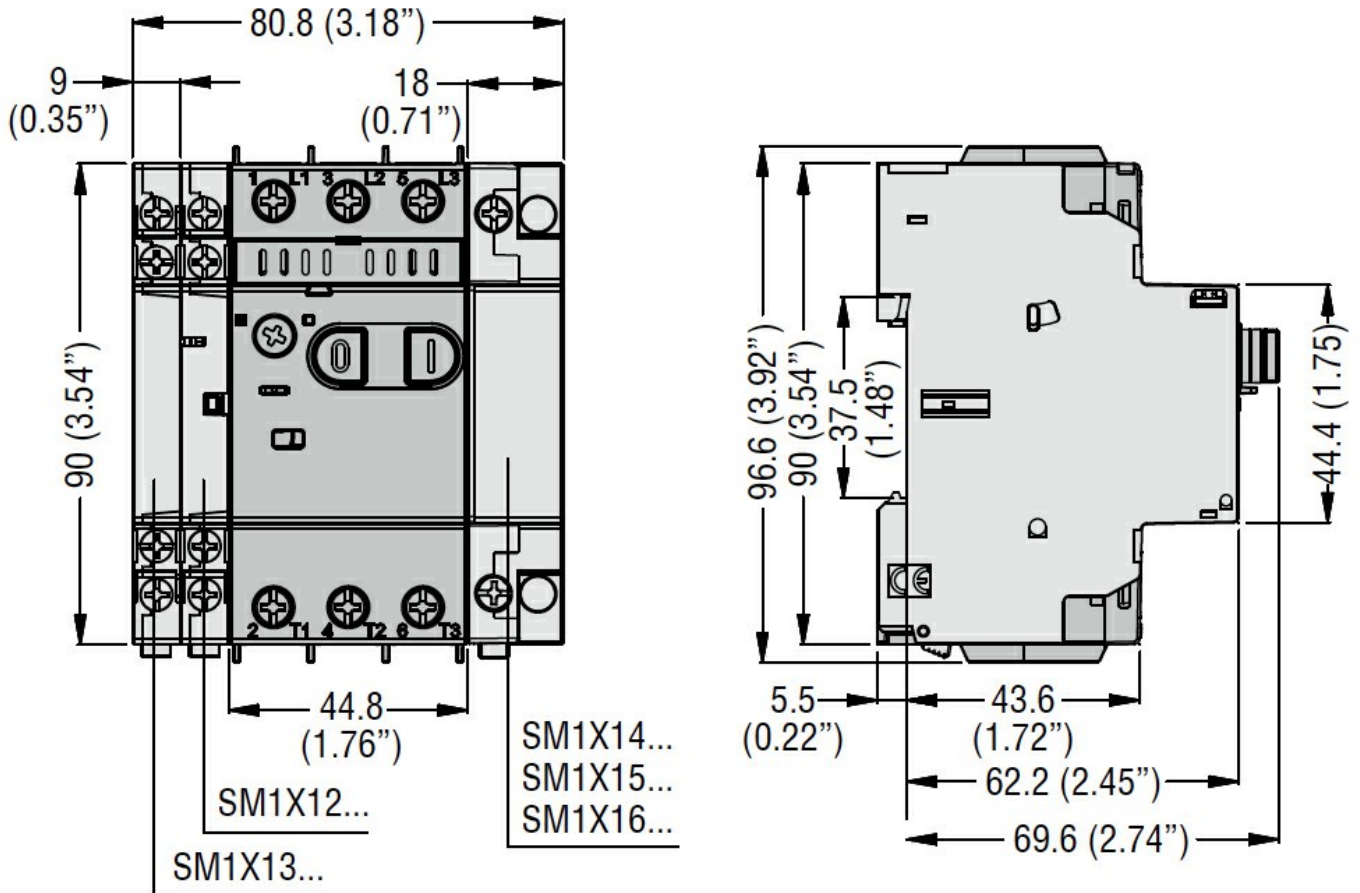
Max altitude

m	3000
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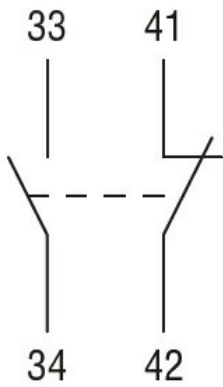
IEC degree of protection

IP20
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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