



| | | | |
|---|-----------------------|-----------------|--------------------|
| Product designation | Shunt trip releases | | |
| Product type designation | SM1X | | |
| Description | Shunt 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 | 24 | |
| Rated frequency | Hz | 50 | |
| In-rush consumption | VA | 20 | |
| Operating voltage | US | 70...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 | mm | Screw M3.5 7.2 Ph2 |
| Weight | | g | 140 |
| Operations | | | |
| Mechanical life | | cycles | 100000 |
| Ambient conditions | | | |
| Temperature | | | |
| Operating temperature | min | °C | -20 |
| | max | °C | +60 |

Storage temperature

| | | |
|-----|----|-----|
| min | °C | -50 |
| max | °C | +80 |

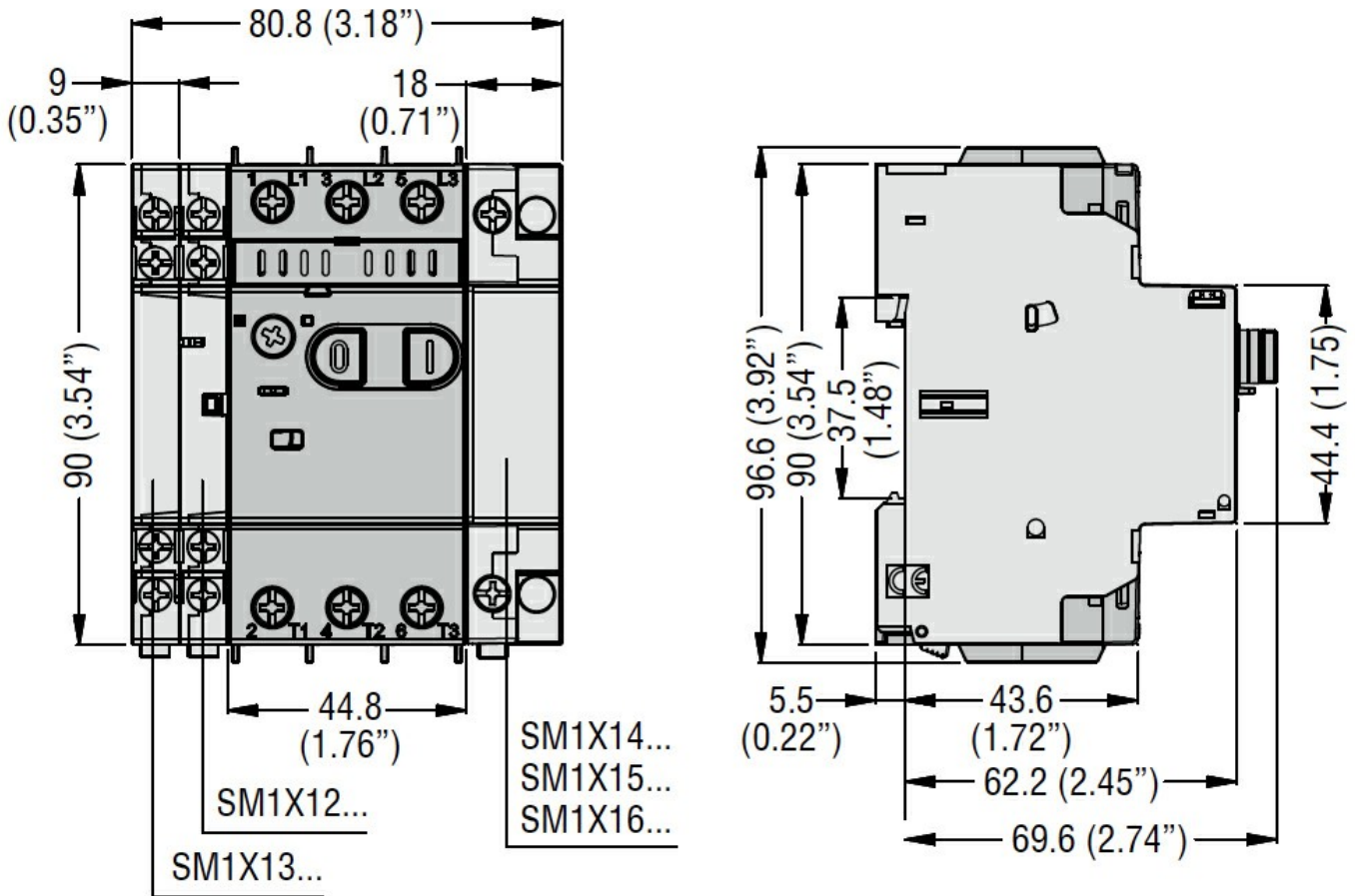
Max altitude

m 3000

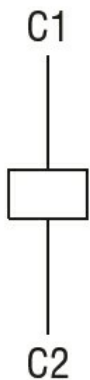
IEC degree of protection

IP20

Dimensions



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