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|--------------------------------------|------------------------------------|----------|------|
| Product designation | Undervoltage trip releases | | |
| Product type designation | SM1X | | |
| Description | Undervoltage trip releases | | |
| Accessories for | SM1P..., SM1R... | | |
| Auxiliary contact characteristics | | | |
| Rated insulation voltage Ui IEC/EN | V | 690 | |
| Rated impulse withstand voltage Uimp | kV | 4 | |
| Operational characteristics | | | |
| 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 | |
| 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 | mm² | 0.75 |
| | max | mm² | 2.5 |
| | Flexible c/w lug conductor section | | |
| | min | mm² | 0.75 |
| | max | mm² | 2.5 |
| Operating position | normal | Vertical | |
| | allowable | Any | |
| Terminals | type | Screw | |
| | screw | M3.5 | |
| | width | mm | 7.2 |
| | tool | 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 | | |

ETIM classification