



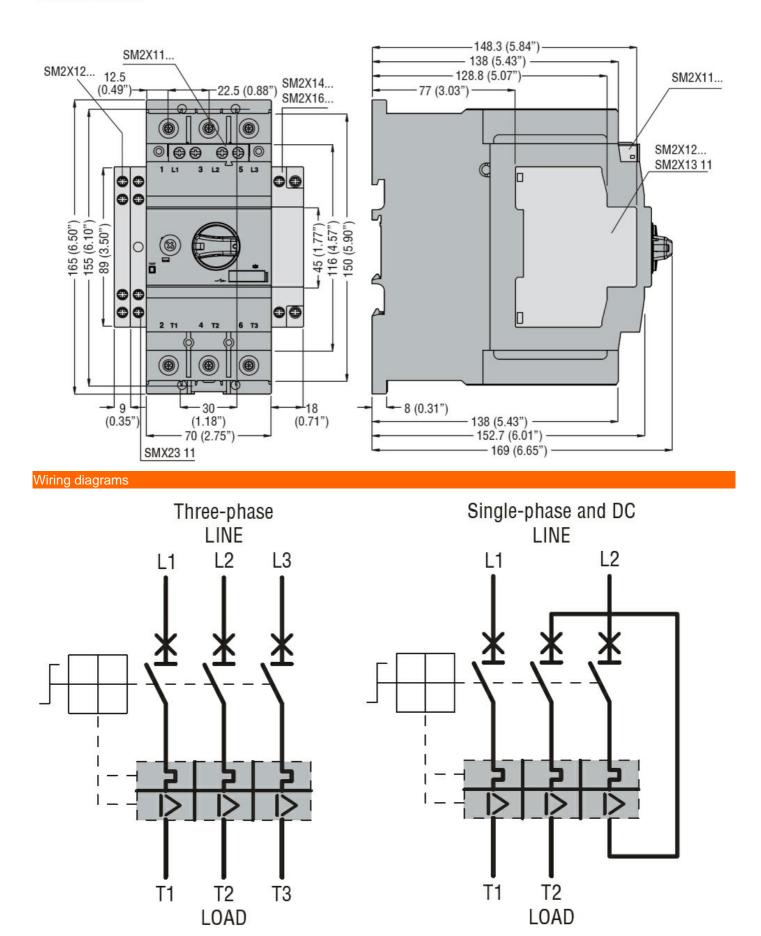
| | | | | and the second s |
|-----------------------------|--------------------------------------|------|--------|--|
| Product designation | | | | Motor protection circuit breaker |
| Product type designation | | | | SM3R |
| Electrical features | | | | |
| Number of poles | | | Nr. | 3 |
| Magnetic protection | | | | yes |
| Thermal protection | | | | yes |
| Phase failure detection | | | | yes |
| Rated insulation voltage L | Ji IEC/EN | | V | 1000 |
| Rated impulse withstand | voltage Uimp | | kV | 6 |
| Rated frequency | | | Hz | 50/60 |
| Thermal trip adjustment ra | ange | | | 5575 |
| Rated current (In) | | | А | 75 |
| Magnetic tripping | | | | 13 x ln |
| Operational short-circuit c | urrent breaking capacity (Ics) at AC | | | |
| | | 230V | kA | 100 |
| | | 400V | kA | 38 |
| | | 440V | kA | 30 |
| | | 500V | kA | 6 |
| | | 690V | kA | 4 |
| Maximum short-circuit cur | rent breaking capacity (Icu) at AC | | | |
| | | 230V | kA | 100 |
| | | 400V | kA | 50 |
| | | 440V | kA | 40 |
| | | 500V | kA | 8 |
| | | 690V | kA | 5 |
| Tripping class | | | | 10A |
| IEC Utilization category | | | | A |
| Operations | | | | |
| Mechanical life | | | cycles | 50000 |
| Electrical life | | | cycles | 25000 |
| Mechanical features | | | | |
| Tightening torque for term | ninals | | | |
| | | min | Nm | 4.5 |
| | | max | Nm | 4.5 |
| | | min | lbin | 4.4 |
| | | max | lbin | 4.4 |
| Max number of wires simu | ultaneously connectable | | Nr. | 2 |
| Conductor section | | | | |
| | WG/Kcmil | | | |
| | | min | | 18 |
| | | max | | 3 |
| F | lexible c/w lug conductor section | Шал | | - |
| | | min | mm² | 10 |
| | | max | mm² | 50 |
| | | max | | |

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| ig conductor section min max | mm² | 10 | | | |
|--|--|--|--|--|--|
| | mm² | 10 | | | |
| max | | | | | |
| | mm² | 50 | | | |
| | | Allen 4mm | | | |
| | | IP20 | | | |
| | | | | | |
| main circuit | mm | 1 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| min | °C | -20 | | | |
| max | °C | +70 | | | |
| | | | | | |
| min | °C | -50 | | | |
| max | °C | +80 | | | |
| | | | | | |
| min | °C | -50 | | | |
| max | °C | +40 | | | |
| | m | 3000 | | | |
| | | | | | |
| normal | | Vertical plan | | | |
| allowable | | Any | | | |
| | | Screw / DIN rail | | | |
| | | 35mm | | | |
| | g | 2200 | | | |
| | | | | | |
| | | | | | |
| at 480V | kA | 40 | | | |
| at 600V | kA | 10 | | | |
| protection | | Fuse or CB | | | |
| | | | | | |
| at 480V | kA | 40 | | | |
| at 600V | kA | 10 | | | |
| protection | | Fuse or CB | | | |
| · | | | | | |
| at 480Y/277V | kA | 40 | | | |
| | kA | 10 | | | |
| UL508 / UL 60947-4-1 Manual Self Protected Combination Motor Controller (Type E) Short circuit current | | | | | |
| | | 100 | | | |
| | | 40 | | | |
| | | | | | |
| 110\/-120\/ | HP | 5 | | | |
| 220V-240V | HP | 15 | | | |
| | . 11 | 10 | | | |
| | | | | | |
| ole 2001/-2081/ | ЦР | 20 | | | |
| 200V-208V | HР | 20 25 | | | |
| 200V-208V 220V-240V | HP | 25 | | | |
| 200V-208V | | | | | |
| | min max min min max min max min max min min max min min max min min max min min max min min max min min max min min max min min min min min min min min min min | min °C max °C min °C max °C min °C max °C min °C max °C m rormal allowable g g at 480V kA at 600V kA protection at 480V kA at 600V kA protection at 480V kA at 600V kA protection at 480V kA at 600V kA protection | | | |





Certifications and compliance Certifications

SM3R7500

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



| | CSA C22.2 n° 14 | |
|---------------------|------------------|------------|
| | IEC/EN 60947-1 | |
| | IEC/EN 60947-2 | |
| | IEC/EN 60947-4-1 | |
| | UL508 | |
| Compliance | | |
| | cULus | |
| | EAC | |
| ETIM classification | | |
| | | EC000074 - |

ETIM 8.0

EC000074 -Motor protection circuit-breaker