



Technical data ML1-025

| acc. IEC 947-3, EN 60947-3 | | | |
|---|-----------------------------|-----------------|----------|
| Rated operational current I_e | AC 21 A | A | 25 |
| Rated operational voltage U_e | | V | 690 |
| Rated uninterrupted current I_{th} | open | A | 25 |
| Rated uninterrupted current I_{the} | encapsulated | A | 25 |
| Rated insulation voltage U_i Insulation group C acc. VDE 0110 | | V | 690 |
| Rated impulse withstand voltage $U_{imp}(III/3)$ | | kV | 6 |
| Making/breaking capacity | Utilisation category | AC 3 | |
| | 230 V 3~ | kW | 5,5 |
| | 400 V 3~ | kW | 7,5 |
| | 690 V 3~ | kW | 7,5 |
| Making/breaking capacity | Utilisation category | AC 23A | |
| | 230 V 3~ | kW | 7,5 |
| | 400 V 3~ | kW | 11 |
| | 690 V 3~ | kW | 11 |
| Making/breaking capacity | Utilisation category | AC 22A | |
| | 230 V 3~ | A | 25 |
| | 400 V 3~ | A | 25 |
| | 690 V 3~ | A | 25 |
| Short-circuit capacity | | | |
| Max. fuse rating (gG-Char.) | | A | 50 |
| Rated conditional short-circuit current | 4-pole / 3-pole | kA | 10 / 6 |
| Isolating characteristic up to | | V~ | 690 |
| Terminal cross section solid or multi-stranded | min./max. | mm ² | 2,5 – 16 |
| finely stranded with ferrule | min./max. | mm ² | 1,5 – 10 |
| Terminal screws | | | M4 |
| Torque terminal screws | | Nm | 1,2 |
| Mechanical life | operating cycles | | 30.000 |
| Ambient temperature max./min. | open | °C | +75/-25 |
| | encapsulated | °C | +40/-25 |
| acc. UL und CSA   | | | |
| Rated operational current | | A | 25 |
| Rated operational voltage | | V | 600 |
| Making/breaking capacity | Utilisation category | AC 3 | |
| Motor 3-phase | 220/240 V 3~ | hp | 7,5 |
| | 440/480 V 3~ | hp | 10 |
| | 550/600 V 3~ | hp | 10 |
| Making/breaking capacity | Utilisation category | AC 3 | |
| Motor 1-phase | 110/120 V | hp | 1 |
| | 220/240 V | hp | 2 |
| Cable cross section | | AWG-No | 14 - 8 |

Subject to change without notice, errors and errata excepted.