

According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



| | | | | | | |
|--|---|--------------------|--|-------------|-----------------|------|
| Rated Thermal Current I _U /I _{th} /I _{the} | | | | | A | 63 |
| Rated Insulation Voltage U _I ¹ | | | | | V | 690 |
| Rated Impulse Withstand Voltage U _{imp} | | | | | kV | 6 |
| Rated Operational Current I _e | | | | | | |
| AC-21A | Switching of resistive loads, including moderate overloads | | | | A | 63 |
| AC-22A | Switching of combined resistive or low inductive loads including moderate overloads | | | 220 V–500 V | A | 63 |
| | | | | 660 V–690 V | | 55 |
| Rated Utilization Category | | | | | | |
| AC-3 | Direct-on-line starting | 3 phase, 3 pole | | 220 V–240 V | kW | 11 |
| | | | | 380 V–440 V | | 18,5 |
| | | | | 500 V | | 22 |
| | | | | 660 V–690 V | | 15 |
| AC-23A | Frequent switching of motors or other high inductive loads | 3 phase, 3 pole | | 220 V–240 V | kW | 11 |
| | | | | 380 V–440 V | | 22 |
| | | | | 500 V | | 30 |
| | | | | 660 V–690 V | | 18,5 |
| Short Circuit Protection | | | | | | |
| Max. fuse size | | gG-characteristic | | | A | 63 |
| Rated short-time withstand current | | (1 s-current) | | | A | 580 |
| For connections with insulated ring and fork type cable terminal - copper wires only | | | | | | |
| Single-core or stranded wire | | | | | mm ² | 16 |
| Flexible wire | | | | | mm ² | 10 |
| Flexible wire with sleeving in accordance with DIN 46228 | | | | | mm ² | 10 |

¹ Valid for lines with grounded common neutral termination, overvoltage category III, Other values on request.

Miscellaneous

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|--|--|--|--|
| Tightening torque of terminal screw: | 1,8 Nm (16 lb-in) | | |
| Minimum Voltage: | on request | | |
| Power loss per contact at I _U : | 2,2 W | | |
| Resistance to vibration: | min. 4 g, 2-100 Hz, 1,6 mm | | |
| Resistance to shock: | min. 6 g, 6 ms | | |
| Min. Ambient Temperature of Stages: | -5 °C | | |
| Max. Ambient Temperature of Stages: | open at 100 % I _U /I _{th} | 50 °C during 24 hours with peaks up to 55 °C | |
| | enclosed at 100 % I _{the} | 35 °C during 24 hours with peaks up to 40 °C | |
| Storage temperature: | -40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible) | | |

Approvals and Standards

| | | | | | | |
|-----------------------|-------|----|------------------|------------------|-----|--|
| IEC 60947 EN 60947 | UL US | SE | CCC GB14048.3 | Lloyd's Register | EAC | |
|-----------------------|-------|----|------------------|------------------|-----|--|

USA / Canada



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|--|--|-------------------|--|-----|---------------------|
| Rated Thermal Current $I_U/I_{th}/I_{the}$ | | | | A | 60 |
| Rated Insulation Voltage U_i | | | | V | 600 |
| Rated Operational Current I_e | | | | | |
| Pilot Duty | | | Heavy | VAC | A600 |
| Ampere Rating | Resistive or low inductive loads | ON/OFF 1-0-2 | 600 V | A | 60 |
| | | | 600 V | | 60 |
| Max. Permissible Wire Gage - copper wires only | | | | | |
| | Single-core or stranded wire | | | AWG | 6 |
| | Flexible wire: AWG wire (without sleeving) | | | AWG | 6 |
| Ratings | | | | | |
| | Standard motor load, DOL-Rating (similar AC-3) | 3 phase 3 pole | 110 V – 120 V 220 V – 240 V 440 V – 480 V 550 V – 600 V | HP | 5 15 30 40 |

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Approvals and Standards

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| IEC 60947 EN 60947 | cULus | SA | CCC GB14048.3 | Lloyd's Register | EAC | |
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