

Contactor relay, 3N/O+1N/C, AC

DILA-31(415V50HZ,480V60HZ) 276367 XTRE10B31C



Design verification as per IEC/EN 61439

Part no.

Article no.

Catalog No.

| 3 | | | |
|--|-------------------|---|--|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | In | Α | 15.5 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0.5 |
| Equipment heat dissipation, current-dependent | P _{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 1.4 |
| Heat dissipation capacity | P _{diss} | W | 0 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 10.2.2 Corrosion resistance | | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | | Is the panel builder's responsibility. |
| 10.9 Insulation properties | | | |
| 10.9.2 Power-frequency electric strength | | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 6.0

| Toolillour data ETHY 0.0 | | | | | |
|--|--|---|------------------|--|--|
| Low-voltage industrial components (EG000017) / Contactor relay (EC000196) | | | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Contactor relay (ecl@ss8.1-27-37-10-01 [AAB716011]) | | | | | |
| Rated control supply voltage Us at AC 50HZ | | ٧ | 415 - 415 | | |
| Rated control supply voltage Us at AC 60HZ | | ٧ | 480 - 480 | | |
| Rated control supply voltage Us at DC | | V | 0 - 0 | | |
| Voltage type for actuating | | | AC | | |
| Rated operation current le , 400 V | | Α | 4 | | |
| Connection type auxiliary circuit | | | Screw connection | | |
| Mounting method | | | DIN-rail/screw | | |
| Interface | | | No | | |
| Number of auxiliary contacts as normally closed contact | | | 1 | | |
| Number of auxiliary contacts as normally open contact | | | 3 | | |

| Number of auxiliary contacts as normally closed contact, delayed switching | 0 |
|--|----|
| Number of auxiliary contacts as normally open contact, leading | 0 |
| With LED indication | No |
| Number of auxiliary contacts as change-over contact | 0 |
| Manual operation possible | No |

Dimensions



