

Installation contactor, 20A, 24V AC/DC, 1NO+1NC



Part no. **CR2011024**
135171

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| Product name | Eaton Distribution parts |
| Part no. | CR2011024 |
| EAN | 8711426315822 |
| Product Length/Depth | 75 millimetre |
| Product height | 80 millimetre |
| Product width | 18 millimetre |
| Product weight | 0.14 kilogram |
| Compliances | RoHS conform |
| Product Tradename | None |
| Product Type | Distribution parts |
| Product Sub Type | None |
| Public Consumption | Yes |
| Product Family Description | ES-PMCC-PDC-Eaton Distribution parts |
| Globally Marketable | Yes |
| 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. |
| 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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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. |
| 10.9.2 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. |
| Amperage Rating | 20 A |
| Built-in depth | 60 mm |
| Degree of protection | IP20 |
| Equipment heat dissipation, current-dependent | 2.1 W |
| Features | Additional equipment possible |
| Heat dissipation per pole, current-dependent | 1.7 W |
| Incandescent lamp load - max | 1950 W |
| Load fluorescent lamp (duo circuit) - max | 1160 V-A |
| Load fluorescent lamp (parallel compensated) - max | 232 V-A |
| Load fluorescent lamp - max | 910 V-A |

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| Number of contacts (normally closed contacts) | | 1 |
| Number of contacts (normally open contacts) | | 1 |
| Number of modular spacings | | 1 |
| Rated operating voltage (Ue) - max | | 400 V |
| Rated operating voltage (Ue) - min | | 400 V |
| Rated operational current for specified heat dissipation (In) | | 20 A |
| Utility category | | 1 |
| Utilization category (according to EN IEC 60947-4-1) | | AC-1 |
| Voltage rating (excitation) - max | | 26.4 V |
| Voltage rating (excitation) - min | | 20.4 V |
| Voltage type | | AC/DC |

Technical data ETIM 8.0

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| Devices for distribution board-/surface mounting (EG000062) / Installation contactor for distribution board (EC001653) | | |
| Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Installation contactor for distribution board (ecl@ss10.0.1-27-14-23-08 [AFZ820015]) | | |
| Rated operating voltage | V | 400 - 400 |
| Rated operation current | A | 20 |
| Utility category | | 1 |
| Rated excitation voltage | V | 20.4 - 26.4 |
| Voltage type (operating voltage) | | AC/DC |
| Voltage type (excitation voltage) | | AC/DC |
| Number of contacts as normally open contact | | 1 |
| Number of contacts as normally closed contact | | 1 |
| Max. incandescent lamp load | W | 1,950 |
| Max. load fluorescent lamp | VA | 910 |
| Max. load fluorescent lamp (Duo circuit) | VA | 1,160 |
| Max. load fluorescent lamp (parallel compensated) | VA | 232 |
| Slider for hand switch | | No |
| Width in number of modular spacings | | 1 |
| Built-in depth | mm | 60 |
| Additional equipment possible | | Yes |
| With day/night function | | No |
| Hum-free | | No |
| Degree of protection (IP) | | IP20 |