

Remote operator, 380-440VAC, for size 2



Part no. **NZM2-XR380-440AC**
259834

| General specifications | |
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| Product name | Eaton Moeller series NZM remote operator |
| Part no. | NZM2-XR380-440AC |
| EAN | 4015082598341 |
| Product Length/Depth | 150 millimetre |
| Product height | 105 millimetre |
| Product width | 105 millimetre |
| Product weight | 1.823 kilogram |
| Compliances | IEC RoHS conform |
| Product Tradename | NZM |
| Product Type | Accessories |
| Product Sub Type | Remote operator |
| Delivery program | |
| Type | Accessory Remote operator, can be synchronized |
| Number of poles | Three-pole/Four-pole |
| Special features | Cannot be combined with switch-disconnector PN... Do not install M22-CK11(20/02) dual auxiliary contacts in the center auxiliary contact slot in NZM2-XRD |
| Frame | NZM2 |
| Used with | N(S)2(-4) NZM2(-4) |
| Technical Data - Electrical | |
| Voltage type | AC |
| Voltage rating | 380 - 440 V 50/60 Hz |
| Operating voltage - min | 0.85 x Us |
| Operating voltage - max | 1.1 x Us |
| Rated control supply voltage (Us) at AC, 50 Hz - min | 380 V |
| Rated control supply voltage (Us) at AC, 50 Hz - max | 440 V |
| Rated control supply voltage (Us) at AC, 60 Hz - min | 380 V |
| Rated control supply voltage (Us) at AC, 60 Hz - max | 440 V |
| Rated control supply voltage (Us) at DC - min | 0 V |
| Rated control supply voltage (Us) at DC - max | 0 V |
| Voltage tolerance - min | 0.85 |
| Voltage tolerance - max | 1.1 |
| Rated operating frequency | 50 Hz |
| Power consumption | 350 VA (110 - 130 V AC) |
| Closing delay | 60 ms |
| Breaking time | 300 ms |
| Number of operations per hour - max | 120 |
| Signal duration of remote operator at switch off - min | 150 ms |
| Signal duration of remote operator at switch on - min | 30 ms |
| Technical Data - Mechanical | |
| Switch drive type | Motor drive |
| Special features | Cannot be combined with switch-disconnector PN... Do not install M22-CK11(20/02) dual auxiliary contacts in the center auxiliary contact slot in NZM2-XRD |
| Lifespan, mechanical | 20000 operations |
| Technical Data - Mechanical - Terminals | |
| Terminal capacity (solid/flexible conductor) | 0.75 mm ² - 2.5 mm ² with ferrule |

| | | 18 - 14 AWG |
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| Design verification as per IEC/EN 61439 | | |
| 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. |
| 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 9.0

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| Low-voltage industrial components (EG000017) / Motor operator for power circuit-breaker (EC001030) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Electrical drive for circuit breakers (ecl@ss13-27-37-04-12 [AKF010018]) | | |
| Type of switch drive | | Motor drive |
| Rated control supply voltage AC 50 Hz | V | 380 - 440 |
| Rated control supply voltage AC 60 Hz | V | 380 - 440 |
| Rated control supply voltage DC | V | 0 - 0 |
| Voltage type for actuating | | AC |