DATASHEET - NZM2-XR380-440AC

Remote operator, 380-440VAC, for size 2

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

General specifications

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	RoHS conform IEC
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Remote operator

Delivery program

Type	Remote operator, can be synchronized Accessory
Number of poles	Three-pole/Four-pole
Special features	Do not install M22-CK11(20/02) dual auxiliary contacts in the center auxiliary contact slot in NZM2-XRD Cannot be combined with switch-disconnector PN...
Frame	NZM2
Used with	NZM2(-4) N(S)2(-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	Do not install M22-CK11(20/02) dual auxiliary contacts in the center auxiliary contact slot in NZM2-XRD Cannot be combined with switch-disconnector PN...
Lifespan, mechanical	20000 operations

Technical Data - Mechanical - Terminals

Terminal capacity (solid/flexible conductor)	18 - 14 AWG

			0.75 mm² - 2.5 mm² with ferrule
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

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