DATASHEET - NZM1-XHIVL

Auxiliary contact, 2early N/O, operates as an early-make contact, 3m cable

Powering Business Worldwide™

Part no.	**NZM1-XHIVL**
	259432
EL Number (Norway)	**4358869**

General specifications

Product name	Eaton Moeller series NZM auxiliary contact
Part no.	NZM1-XHIVL
EAN	4015082594329
Product Length/Depth	37 millimetre
Product height	66 millimetre
Product width	32 millimetre
Product weight	0.15 kilogram
Compliances	RoHS conform
Certifications	UL (Category Control Number DIHS) CSA certified UL listed CE marking CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 IEC60947 CSA (File No. 22086) UL489 UL (File No. E140305)
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Auxiliary contact

Delivery program

Special features	C300/R300 (auxiliary contacts, UL/CSA, pilot duty)
Used with	FAZ-B6 (max. miniature circuit breaker)

Technical Data - Electrical

Voltage rating at DC	220 V DC
Voltage rating at AC	500 V AC
Rated operational current	1 A at 250 V DC (UL/CSA) 2.5 A at 240 V AC (UL/CSA)
Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V	4 A
Conventional thermal current Ith of auxiliary contacts	4 A
Fuse short-circuit protection - max	10 A gG/gL

Technical Data - Mechanical

Mounting Method	Other
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	0
Number of contacts (normally open contacts)	2
Connection type	Screw
Lamp holder	None
Special features	C300/R300 (auxiliary contacts, UL/CSA, pilot duty)

Technical Data - Mechanical - Terminals

Terminal capacity (solid/flexible conductor)	0.75 mm^2 - 2.5 mm^2 (2x) at auxiliary contacts with ferrule 18 - 14 AWG (1x) at auxiliary contacts 18 - 14 AWG (2x) at auxiliary contacts 0.75 mm^2 - 2.5 mm^2 (1x) at auxiliary contacts 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.
Additional information			
Model			Integrable

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss13-27-37-13-02 [AKN342018])			
Number of contacts as change-over contact			0
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			0
Number of fault-signal switches			
Rated operation current Ie at AC-15, 230 V		A	4
Type of electric connection			Screw connection
Model			Integrable
Mounting method			Other
Lamp holder			None