

DATASHEET - NZM1-XHIVR



Auxiliary contact, 2early N/O, operates as an early-make contact, connection right

**Part no. NZM1-XHIVR
292195**

General specifications	
Product name	Eaton Moeller series NZM auxiliary contact
Part no.	NZM1-XHIVR
EAN	4015082921958
Product Length/Depth	37 millimetre
Product height	66 millimetre
Product width	32 millimetre
Product weight	0.038 kilogram
Compliances	RoHS conform
Certifications	UL489 CSA - C22.2 No. 5-09 CSA (Class No. 1437-01) CE marking IEC60947 UL listed UL (File No. E140305) CSA certified UL (Category Control Number DIHS) CSA (File No. 22086)
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 connection
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 (1x) at auxiliary contacts with ferrule 18 - 14 AWG (2x) at auxiliary contacts 0.75 mm ² - 2.5 mm ² (2x) at auxiliary contacts with ferrule 18 - 14 AWG (1x) at auxiliary contacts
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		0
Rated operation current I _e at AC-15, 230 V	A	4
Type of electric connection		Screw connection
Model		Integrable
Mounting method		Other
Lamp holder		None