

Control circuit plug unit for auxiliary contact



**Part no.** NZM2-XSVHI  
**266705**  
**EL Number** 4359024  
**(Norway)**

General specifications	
Product name	Eaton Moeller series NZM plug-in unit
Part no.	NZM2-XSVHI
EAN	4015082667054
Product Length/Depth	21 millimetre
Product height	94 millimetre
Product width	78 millimetre
Product weight	0.12 kilogram
Compliances	IEC RoHS conform
Certifications	IEC/EN 60947
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Plug-in unit
Delivery program	
Type	Accessory. Auxiliary conductor plug device for plug technology
Accessory/spare part type	Auxiliary conductor plug and socket device Accessory Other
Number of poles	Three-pole/Four-pole
Special features	Auxiliary conductor plug connector for use with plug-in units NZM...-SVE and plug-in socket NZM...-XSVS to disconnect the cables of the installed accessories
Frame	NZM1, N1, NZM2(-4), N2(-4) NZM3(-4), N3(-4) NZM4(-4), N4(-4)
Technical Data - Electrical	
Isolation	300 V AC (between the auxiliary contacts)
Direction of incoming supply	As required
Technical Data - Mechanical	
Mounting Method	Plug-in unit
Mounting position	As required
Protection against direct contact	Finger and back-of-hand proof to VDE 0106 part 100
Shock resistance	20 g (half-sinusoidal shock 20 ms)
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Special features	Auxiliary conductor plug connector for use with plug-in units NZM...-SVE and plug-in socket NZM...-XSVS to disconnect the cables of the installed accessories
Technical Data - Mechanical - Terminals	
Terminal equipment included	Screw connection
Design verification as per IEC/EN 61439 - technical data	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	70 °C
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) / Accessories/spare parts for low-voltage switch technology (EC002498)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switching technology (accessories) (ecl@ss13-27-37-13-92 [AKN570018])		
Type of accessory/spare part		Auxiliary conductor plug and socket device
Accessory		Yes
Spare part		No