

## Control circuit plug unit for auxiliary contact

Part no.	<b>NZM2-XSVHI</b>
Catalog No.	<b>266705</b>
EL-Nummer (Norway)	<b>4359024</b>

## Delivery program

Product range		Accessories
Accessories		Auxiliary conductor plug device for plug technology
Standard/Approval		IEC
Installation type		Plug-in units
Construction size		NZM1, N1, NZM2(-4), N2(-4), NZM3(-4), N3(-4), NZM4(-4), N4(-4)
Description		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
Number of poles	3/4 pole	
Standard equipment		Screw connection

## Technical data

General			
Standards		IEC/EN 60947	
Protection against direct contact		Finger and back-of-hand proof to VDE 0106 part 100	
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30	
Ambient temperature			
Ambient temperature, storage	°C	- 40 - + 70	
Operation	°C	-25 - +70	
Mechanical shock resistance (10 ms half-sinusoidal shock) according to IEC 60068-2-27	g	20 (half-sinusoidal shock 20 ms)	
Safe isolation to EN 61140			
between the auxiliary contacts	V AC	300	
Mounting position		As required	
Direction of incoming supply		as required	

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.	°C	-25	
Operating ambient temperature max.	°C	70	
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			

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 8.0

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 switch technology (accessories) (ecl@ssi10.0.1-27-37-13-92 [AKN570013])

Type of accessory/spare part		Auxiliary conductor plug and socket device
Accessory		Yes
Spare part		No