

## Neutral conductor, 4th pole, N for P1Z

**Part no.**                    **N-P1Z**  
                                      **000652**  
**EL Number**                **1456566**  
**(Norway)**

<b>General specifications</b>		
Product name		Eaton Moeller® series Accessory Neutral conductor
Part no.		N-P1Z
EAN		4015080006527
Product Length/Depth		32 millimetre
Product height		70 millimetre
Product width		15 millimetre
Product weight		0.03 kilogram
Certifications		CSA-C22.2 No. 94 IEC/EN 60947-3 UL 508 CSA File No.: 012528 CSA UL Category Control No.: NLRV CE CSA-C22.2 No. 14-05 UL UL File No.: E36332 CSA Class No.: 3211-05
Product Tradename		None
Product Type		Accessory
Product Sub Type		Neutral conductor
Catalog Notes		N-P1(P3)... switching capacity same as for contacts P1(P3)-... The N contact always behaves as an early-make contact when switching on and as a late-break contact when switching off.
<b>General information</b>		
Accessory/spare part type		Neutral terminal
Mounting position		Left side Right side
Type		Neutral conductor Switchable neutral conductor
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		50 °C
<b>Terminal capacities</b>		
Stripping length (main cable)		10.5 mm
<b>Design verification</b>		
Equipment heat dissipation, current-dependent P <sub>vid</sub>		0 W
Heat dissipation capacity P <sub>diss</sub>		0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>		1.8 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )		32 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>		0 W
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			Neutral terminal
Accessory			Yes
Spare part			No