DATASHEET - N-P3Z

Neutral conductor, switched neutral

Part no. N-P3Z 064805

EL Number (Norway) 1456529

Powering Business Worldwide™

General specifications	
Product name	Eaton Moeller® series Accessory Neutral conductor
Part no.	N-P3Z
EAN	4015080648055
Product Length/Depth	40.5 millimetre
Product height	82.2 millimetre
Product width	18 millimetre
Product weight	0.07 kilogram
Certifications	CSA CSA Class No.: 3211-05 CSA-C22.2 No. 14-05 UL CE IEC/EN 60947-3 CSA File No.: 012528 UL 508 UL File No.: E36332 CSA-C22.2 No. 94 UL Category Control No.: NLRV
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.
General information	
Accessory/spare part type	Neutral terminal
Mounting position	Right side Left side
Type	Neutral conductor Switchable neutral conductor
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	50 °C
Terminal capacities	
Stripping length (main cable)	13.5 mm
Electrical rating	
Rated operational current (Ie) - max	90 A
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	7.5 W
Rated operational current for specified heat dissipation (In)	100 A
Static heat dissipation, non-current-dependent Pvs	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 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@ss10.0.1-27-37-13-92 [AKN570013])			
Type of accessory/spare part			Neutral terminal
Accessory			Yes
Spare part			No