Screw connection, 4p, standard, size 3

Part no. NZM3-4-XKS
Article no. 266780

EAT•N
Powering Business Worldwide™

Similar to illustration

Delivery program

Number of conductors			4 pole
Accessories			Screw connection
Rated current	I_n	A	⎓ 400
For use with			NZM3-4, PN3-4, N(S)3-4
Terminal capacities			
Type of conductor			
Cu/Al cable			Copper cable lugs Aluminium cable lug
Terminal capacities			
flexible		mm²	1 x 10 … 120 2 x 10 … 120
AWG/kcmil		mm²	1 x 4 - 350 2 x 350
Terminal capacities			
Cu strip (number of segments x width x segment thickness)		mm²	10 x 32 x 1.0 + 5 x 32 x 1.0
Copper busbar width x thickness	Breite	mm	30 x 10 + 30 x 5

Notes

Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers.

Standard connection with all NZM3, PN3 and N3 circuit-breakers.

Conversion kit for circuit-breaker with box terminal.

Use special cable lugs narrow version, ➞ 059775

Fitted within the switch housing

When a busbar is used insulation is required (400 mm) e.g. using heat shrink and a shroud NZM3(-4)-XKSA.

U_e ⎓ 525 V AC:

A shroud NZM3(-4)-XKSA must be used with all other connection types.

Design verification as per IEC/EN 61439

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 6.0

Low-voltage industrial components (EG000017) / Wiring set for power circuit breaker (EC002050)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss8.1-27-37-04-24 [ACN957008])		
Suitable for number of poles		4
Model		-

Additional product information (links)

IL01208008Z (AWA1230-1912) Box terminal block, Bolt connection	
IL01208008Z (AWA1230-1912) Box terminal block, Bolt connection	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01208008Z2012_03.pdf