

## Connection width extension, 3p, short

Part no. **NZM3-XKV70KB**  
 Catalog No. **112884**



## Delivery program

Accessories	Connection width extension		
Description	One M12 threaded stud		
Number of conductors	3 pole		
Rated current	$I_n$	A	630
For use with	NZM3, PN3, N(S)3		

## Terminal capacities

Type of conductor			
Cu/Al cable	Copper cable lugs		
Terminal capacities			
flexible	mm <sup>2</sup>	2 x 95-300	
AWG/kcmil	mm <sup>2</sup>	2 x 500	

## Terminal capacities

Cu strip (number of segments x width x segment thickness)	mm <sup>2</sup>	(2x) 10 x 32 x 1.0	
Copper busbar width x thickness	Width	mm	(2 x) 10 x 40

## Notes

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

Threaded stud for cable lugs up to 2 x 300 mm<sup>2</sup>

Can be fitted to circuit-breaker with screw connection

Phase isolator, insulation plate and 2 control circuit terminals included as standard.

Cannot be combined with cover NZM3-XKSAV.

## 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 8.0

Low-voltage industrial components (EG000017) / Connection vane/phase spreader (EC002019)	
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Connection vane/phase spreader (ecl@ss10.0.1-27-37-13-05 [ACN990012])	
Suitable for number of poles	3