DATASHEET - NZM4-XAVS

Socket base, 3p, 1600A

Part no.	**NZM4-XAVS**
Catalog No.	**266713**

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Powering Business Worldwide™

Similar to illustration

Delivery program

Product range		Accessories
Accessories		Extension base for basic unit
Standard/Approval		IEC
Installation type		Withdrawable
Construction size		NZM4
Description		Extension base for use with basic units NZM...-AVE of the respective size
Number of poles		3 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	15 (half-sinusoidal shock 11 ms)
Safe isolation to EN 61140			
Between auxiliary contacts and main contacts		V AC	500
between the auxiliary contacts		V AC	300
Mounting position			Vertical
Direction of incoming supply			as required

Degree of protection

Device		IP2X (in the area of the plug-in area)

Design verification as per IEC/EN 61439

Technical data for design verification				
Equipment heat dissipation, current-dependent	P_{vid}	W	76.8	
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) / Chassis part power circuit breaker (EC002043)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Chassis part circuit breaker (ecl@ss10.0.1-27-37-04-22 [ACN955011])			
Rated current In		A	1488
Number of poles			3
Version as busbar adapter			No
Version as built-in device			Yes
Type of electrical connection of main circuit			Screw connection