DATASHEET - NZM4-4-XAVS

Socket base, 4p, 1600A

Part no. **NZM4-4-XAVS**
266714

Powering Business Worldwide™

General specifications	
Product name	Eaton Moeller series NZM plug-in unit
Part no.	NZM4-4-XAVS
EAN	4015082667146
Product Length/Depth	509 millimetre
Product height	295 millimetre
Product width	320 millimetre
Product weight	30 kilogram
Compliances	IEC RoHS conform
Certifications	IEC/EN 60947
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Plug-in unit
Delivery program	
Type	Accessory Extension base for basic unit
Number of poles	Four-pole
Nominal current	1488 A
Features	Version as built-in device
Frame	NZM4
Technical Data - Electrical	
Electrical connection type of main circuit	Screw connection
Isolation	300 V AC (between the auxiliary contacts) 500 V AC (between auxiliary contacts and main contacts)
Direction of incoming supply	As required
Technical Data - Mechanical	
Mounting Method	Withdrawable
Mounting position	Vertical
Degree of protection	IP2X (in the area of the plug-in area)
Protection against direct contact	Finger and back-of-hand proof to VDE 0106 part 100
Shock resistance	15 g (half-sinusoidal shock 11 ms)
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Technical Data - Mechanical - Terminals	
Terminal equipment included	Screw connection
Design verification as per IEC/EN 61439 - technical data	
Equipment heat dissipation, current-dependent	76.8 W
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	70 °C
Design verification as per IEC/EN 61439	
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) / 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@ss13-27-37-04-22 [ACN955016])			
Rated current In		A	1488
Number of poles			4
Version as busbar adapter			No
Version as built-in device			Yes
Type of electrical connection of main circuit			Screw connection