

Socket base, 4p, 630A

**Part no.**                    **NZM3-4-XAVS**  
**266712**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM plug-in unit
Part no.		NZM3-4-XAVS
EAN		4015082667122
Product Length/Depth		226 millimetre
Product height		342 millimetre
Product width		272 millimetre
Product weight		13 kilogram
Compliances		IEC RoHS conform
Certifications		IEC/EN 60947
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Plug-in unit
<b>Delivery program</b>		
Type		Accessory Extension base for basic unit
Number of poles		Four-pole
Nominal current		610 A
Features		Version as built-in device
Frame		NZM3
<b>Technical Data - Electrical</b>		
Electrical connection type of main circuit		Screw connection
Isolation		500 V AC (between auxiliary contacts and main contacts) 300 V AC (between the auxiliary contacts)
Direction of incoming supply		As required
<b>Technical Data - Mechanical</b>		
Mounting Method		Withdrawable
Mounting position		Vertical and 90° right/left
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		20 g (half-sinusoidal shock 20 ms)
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>Technical Data - Mechanical - Terminals</b>		
Terminal equipment included		Screw connection
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Equipment heat dissipation, current-dependent		83.35 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
<b>Design verification as per IEC/EN 61439</b>		
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 (ecI@ss13-27-37-04-22 [ACN955016])			
Rated current I <sub>n</sub>		A	610
Number of poles			4
Version as busbar adapter			No
Version as built-in device			Yes
Type of electrical connection of main circuit			Screw connection