

Socket, 3p, 630A

**Part no.** NZM3-XSVS  
**168472**  
**EL Number** 4357580  
**(Norway)**

General specifications		
Product name		Eaton Moeller series NZM plug-in unit
Part no.		NZM3-XSVS
EAN		4015081649532
Product Length/Depth		345 millimetre
Product height		132 millimetre
Product width		140 millimetre
Product weight		2.8 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 Plug-in socket for basic unit
Number of poles		Three-pole
Nominal current		500 A
Features		Version as built-in device
Frame		NZM3
Technical Data - Electrical		
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
Technical Data - Mechanical		
Mounting Method		Plug-in unit
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
Technical Data - Mechanical - Terminals		
Terminal equipment included		Screw connection
Design verification as per IEC/EN 61439 - technical data		
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
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 I <sub>n</sub>	A	500
Number of poles		3
Version as busbar adapter		No
Version as built-in device		Yes
Type of electrical connection of main circuit		Screw connection