DATASHEET - NZM4-XPS24DC

Similar to illustration

Power supply module for NZM4, 24 VDC

Part no. NZM4-XPS24DC
Catalog No. 189824

Powering Business Worldwide™

Delivery program

Product range			Accessories
Accessories			Power supply module
Standard/Approval			UL/CSA, IEC
Construction size			NZM4
Description			24 V DC supply to the electronic trip. Mechanical pass-through of the switch's status (I, O) for use by the remote operator.
Connection type			with push in terminal With bolt connection
For use with			NZM4(-4)-VX(MX)…

Technical data

Supply connection

Rated control voltage	U_s	V	
DC	U_s	V DC	24 - 24
Tolerance			+/- 20%
max. current consumption			100
Connection			
Connection type			Screw terminal
Stripping length		mm	5
Terminal capacity			
Solid		mm^2	1 x (0.2 - 1.5)
Stranded		mm^2	1 x (0.2 - 1.5)
		AWG	1 x AWG 24 - AWG 16
with uninsulated end sleeve in accordance with DIN46228 / 1		mm^2	1 x (0,25 - 0,75)
with insulated end sleeve in accordance with DIN46224 / 4		mm^2	1 x (0,25 - 0,75)
Min. tightening torque		Nm	0.22
Maximum tightening torque		Nm	0.25

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) / Accessories/spare parts for low-voltage switch technology (EC002498)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])

Type of accessory/spare part		Other
Accessory		Yes
Spare part		No

Approvals

Product Standards		In preparation
Degree of Protection		Installation in the switch