DATASHEET - PXR-ECAM-PNET

Communication module, RJ45, ProfiNet

Part no. **PXR-ECAM-PNET**
302050

Product name	Eaton Moeller series NZM electronic accessory
Part no.	PXR-ECAM-PNET
EAN	9010238154803
Product Length/Depth	123 millimetre
Product height	101 millimetre
Product width	35 millimetre
Product weight	0.155 kilogram
Compliances	RoHS conform IEC
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Electronic accessory
Globally Marketable	Yes
Type	Communications module
Accessory/spare part type	Communications module Communication and measuring function Accessory
Special features	For fieldbus connection to NZM circuit breakers. The module is mounted externally near the circuit breaker. For connection to Profinet IO. Cannot be used with the PXR10 NZM-AX electronic trip.
Frame	NZM…2(3)(4)-MX(VX)(PX)(PMX)…
Used with	NZM2(3)(4)(-4)-VX(MX)(PX)(PMX)
Power supply	9 - 30 V DC
Power consumption	4.5 W
Fieldbus type	RJ45 Ethernet cable Cat6
Interface type (fieldbus)	Profinet IO
Participant type	Slave
Connection type	Pre-wired connection (communication, NZM connection) With bolt connection
Special features	For fieldbus connection to NZM circuit breakers. The module is mounted externally near the circuit breaker. For connection to Profinet IO. Cannot be used with the PXR10 NZM-AX electronic trip.
Terminal capacity (stranded cable)	0.5 mm^2 - 2.5 mm^2 (1x) at supply connection (uninsulated ferrule according to DIN46224 / 1) 0.5 mm^2 - 2.5 mm^2 (1x) at supply connection (insulated ferrule according to DIN46228 / 4) 0.5 mm^2 - 2.5 mm^2 (1x) 20 - 14 AWG (1x) at supply connection
Terminal capacity (solid cable)	0.5 mm^2 - 2.5 mm^2 (1x)
Ambient operating temperature - min	-20 °C
Ambient operating temperature - max	50 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	85 °C
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 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		Communication and measuring function
Accessory		Yes
Spare part		No