



Placeholder for PXS24 series with no electrical function

Part no. **PXS24-PCH**
 Catalog No. **PXS24ACC0000**

Delivery program

Basic function		Automation engineering 24V
Protection		none

Technical data

Electrical

Operational voltage	U _B	24 DC (16 .. 30V DC)
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Mechanical

Width	mm	17.5
Depth	mm	119.2
Terminals		
Terminal capacity	mm ²	2.5 (flexible with ferrules) 4 (rigid)
Busbars		none
Mounting		snap-fit on mounting rail TH35 (EN 60715)
Text field	mm	17,5 x 6
Ambient temperature	°C	-30 - +55
Permissible storage and transport temperatures	°C	-40 - +100
Base dimension	mm	92.5

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.
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Technical data ETIM 7.0

Relays (EG000019) / Current monitoring relay (EC001440)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Monitoring equipment (low-voltage switch technology) / Current monitoring equipment (ecI@ss10.0.1-27-37-18-02 [AKF096014])			
Type of electric connection			Plug-in connection
With detachable clamps			No
Single-phase under current possible			No
Three-phase under current possible			No
Single-phase over current possible			No
Three-phase over current possible			No
Single-phase hysteresis possible			No
Three-phase hysteresis possible			No
Contains function DC-voltage under current			No
Contains function DC-voltage over current			Yes
Function DC-current hysteresis			No
Rated control supply voltage Us at AC 50HZ		V	0 - 0
Rated control supply voltage Us at AC 60HZ		V	0 - 0
Rated control supply voltage Us at DC		V	16 - 30
Voltage type for actuating			DC
Current measurement range		A	0 - 0
Min. adjustable delay-on energization time		s	0
Max. permitted delay-on energization time		s	0
Min. adjustable off-delay time		s	0
Max. permitted off-delay time		s	0
Number of contacts as normally closed contact			0
Number of contacts as normally open contact			1
Number of contacts as change-over contact			0
External current transformer			No
Width		mm	18
Height		mm	93
Depth		mm	127