

Base module washer XI/ON, for feeder unit, tension spring, 4 connection levels



Part no. XN-P4T-SBBC

140076

EL Number  
(Norway)

4520629

General specifications		
Product name		Eaton XN Rack
Part no.		XN-P4T-SBBC
EAN		7640130120990
Product Length/Depth		128.9 millimetre
Product height		49.9 millimetre
Product width		12.6 millimetre
Product weight		0.035 kilogram
Compliances		RoHS Compliant CE Marked
Certifications		UL Listed Rated data for terminations according to IEC/EN 60947-7-1 UL Recognized CSA-C22.2 No. 142 IEC/EN 6113-2 CE UL Category Control No.: NRAQ, NRAQ7 IEC/EN 61000-6-2 UL report applies to both US and Canada Certified by UL for use in Canada UL File No.: E205091 IEC/EN 61000-6-4 CSA Class No.: 2252-01, 2252-81 UL 508 CE, cUL IEC/EN 61131-2
Product Tradename		XN
Product Type		Rack
Product Sub Type		None
Catalog Notes		Base module for the gateway supply (with XN#BR-24V DC-D)
Features & Functions		
Color		Gray
Fitted with:		Pluggable modules, central modules Pluggable modules, others Power supply
General information		
Degree of protection		IP20
Mounting method		Rail mounting possible
Number of connection levels		4
Type		XI/ON slice card base module
Used with		XN-PF-120/230VAC-D XN-BR-24VDC-D XN-PF-24VDC-D
Voltage type		DC
Ambient conditions, mechanical		
Drop and topple		According to IEC 60068-2-31, free fall according to IEC 60068-2-32
Shock resistance		Continuous according to IEC/EN 60068-2-29 Mechanical, According to IEC/EN 60068-2-27
Vibration resistance		According to IEC/EN 60068-2-6
Climatic environmental conditions		
Ambient operating temperature - min		0 °C
Ambient operating temperature - max		55 °C
Environmental conditions		Harmful gasses - SO2: 10 ppm (relative humidity < 75%, no condensation) Harmful gasses - H2S: 1 ppm (relative humidity < 75%, no condensation)
Relative humidity		5 - 95 % (indoor, Level RH-2, non-condensing for storage at 45°C)

<b>Electro magnetic compatibility</b>		
Air discharge		Air/contact discharge according to IEC/EN 61000-4-2
Burst impulse		According to IEC/EN 61000-4-4
Electromagnetic fields		According to IEC EN 61100-4-2
Emitted interference		30 - 230 MHz (radiated, high frequency, according to EN 55016-2-3) 230 - 1000 MHz (radiated, high frequency, according to EN 55016-2-3)
Radiated RFI		IEC/EN 61100-4-6
Surge rating		According to IEC/EN 61000-4-5 Level 4
Voltage dips		According to EN 61131-2 (Voltage fluctuations/voltage dips)
<b>Terminal capacities</b>		
Terminal capacity		0.5 - 2.5 mm <sup>2</sup> , solid, H07V-U 0.5 - 1.5 mm <sup>2</sup> , with ferrules with plastic collar according to DIN 46228-1 (ferrules crimped gas-tight) 0.5 - 1.5 mm <sup>2</sup> , with ferrules without plastic collar according to DIN 46228-1 (ferrules crimped gas-tight) 0.5 - 1.5 mm <sup>2</sup> , flexible without ferrule, H07V-K
Terminals		Spring cage
Gauge pin		A1 (according to IEC/EN 60947-1)
Stripping length (main cable)		8 mm
<b>Communication</b>		
Connection		Four-level
Connection type		Spring-loaded/screw terminal, Connection design in TOP direction
Number of slots		1
<b>Input/Output</b>		
Input current at AC - max		0 A
Input voltage at AC 50 Hz - min		0 V
Input voltage at AC 50 Hz - max		0 V
Input voltage at DC - min		0 V
Input voltage at DC - max		0 V
Output current at AC, 50 Hz - max		0 A
Output voltage at AC 50 Hz - max		0 V
Output voltage at DC - min		0 V
Output voltage at DC - max		0 V
<b>Safety</b>		
Explosion safety category for dust		None
Explosion safety category for gas		None
Potential isolation		Through optocoupler: yes
<b>Design verification</b>		
Equipment heat dissipation, current-dependent P <sub>vid</sub>		0 W
Heat dissipation capacity P <sub>diss</sub>		0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>		0 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )		0 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>		0 W
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		Meets the product standard's requirements.
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.
10.12 Electromagnetic compatibility		Is the panel builder's responsibility.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Technical data ETIM 9.0

Programmable logic controllers PLC (EG000024) / Fieldbus, decentr. periphery - mounting frame (EC001598)

Electric engineering, automation, process control engineering / Control, Process Control System (PCS) / Field bus, decentralized peripheral / Field bus, decentralized peripheral - module carrier (ecl@ss13-27-24-26-03 [BAA064018])

With integrated power supply		Yes
Input voltage AC 50 Hz	V	0 - 0
Input voltage AC 60 Hz	V	0 - 0
Input voltage DC	V	0 - 0
Type of voltage (input voltage)		DC
Max. input current AC 50 Hz	A	0
Max. input current AC 60 Hz	A	0
Max. input current DC	A	0
Output voltage AC 50 Hz	V	0 - 0
Output voltage AC 60 Hz	V	0 - 0
Output voltage DC	V	0 - 0
Type of output voltage		DC
Max. output current AC 50 Hz	A	0
Max. output current AC 60 Hz	A	0
Max. output current DC	A	0
System accessory		Yes
Number of slots		1
With pluggable modules, digital I/O		No
With pluggable modules, analogue I/O		No
With pluggable modules, communication modules		No
With pluggable modules, function and technology modules		No
With pluggable modules, central modules		Yes
With pluggable modules, others		Yes
Rail mounting possible		Yes
Wall mounting/direct mounting		No
Front built-in possible		No
Rack-assembly possible		No
Suitable for safety functions		No
SIL according to IEC 61508		None
Performance level according to EN ISO 13849-1		None
Appendant operation agent (Ex ia)		No
Appendant operation agent (Ex ib)		No
Explosion safety category for gas		None
Explosion safety category for dust		None
Width	mm	12.6
Height	mm	49.9
Depth	mm	128.9