Base module washer XI/ON, screw, 6 connection levels, con. to C rail



Part no. XN-S6S-SBCSBC 140094

Product name	Eaton XN Rack
Part no.	XN-S6S-SBCSBC
EAN	7640130121263
Product Length/Depth	154.5 millimetre
Product height	49.9 millimetre
Product width	12.6 millimetre
Product weight	0.067 kilogram
Certifications	CE, cUL IEC/EN 61000-6-4 UL Category Control No.: NRAQ, NRAQ7 Certified by UL for use in Canada UL 508 UL report applies to both US and Canada Rated data for terminations according to IEC/EN 60947-7-1 CSA-C22.2 No. 142 UL Recognized CE IEC/EN 6113-2 IEC/EN 61131-2 IEC/EN 61000-6-2 UL File No.: E205091 CSA Class No.: 2252-01, 2252-81
Product Tradename	XN
Product Type	Rack
Product Sub Type	None
Fitted with:	Power supply Pluggable modules, analog I/O Pluggable modules, digital I/O Pluggable modules, central modules
Degree of protection	IP20
Mounting method	Rail mounting possible
Number of connection levels	6
Туре	XI/ON slice card base module
Used with	XN-4D0-24VDC-0.5A-P XN-4AI-U/I
Voltage type	DC
Drop and topple	According to IEC 60068-2-31, free fall according to IEC 60068-2-32
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 Continuous according to IEC/EN 60068-2-29
Vibration resistance	According to IEC/EN 60068-2-6
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)
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	230 - 1000 MHz (radiated, high frequency, according to EN 55016-2-3) 30 - 230 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)
Terminal capacity	0.5 - 2.5 mm², solid, H07V-U 0.5 - 1.5 mm², with ferrules with plastic collar according to DIN 46228-1 (ferrules crimped gas-tight) 0.5 - 1.5 mm², with ferrules without plastic collar according to DIN 46228-1 (ferrunder)
	0.5 - 1.5 mm², flexible without ferrule, H07V-K
Gauge pin	A1 (according to IEC/EN 60947-1)
Stripping length (main cable)	8 mm
Connection	Connection to C rail
Connection type	Spring-loaded/screw terminal, Connection design in TOP direction
Number of slots	1
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
Explosion safety category for dust	None
Explosion safety category for gas	None
Potential isolation	Through optocoupler: yes
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
Static heat dissipation, non-current-dependent Pvs	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 8.0

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

Electric engineering, automation, process control engineering / Control / Field bus, decentralized peripheral / Field bus, decentralized peripheral - module carrier (ecl@ss10.0.1-27-24-26-03 [BAA064013])

Imput voltage at AC 50 Hz	[BAA064013])	 	, , ,
injunt voltage at AC 60 Hz Injunt voltage at DC Injunt voltage (injunt voltage) Max. injunt current AC 50 Hz AB 0 Max. injunt current AC 50 Hz AB 0 Max. injunt current AC 50 Hz AB 0 Uniunt voltage at AC 50 Hz AB 0 Uniunt volta	With integrated power supply		Yes
Type of voltage of DC	Input voltage at AC 50 Hz	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 Output voltage at AC 50 Hz V 0 - 0 Output voltage at AC 50 Hz V 0 - 0 Output voltage at AC 50 Hz V 0 - 0 Output voltage at AC 50 Hz V 0 - 0 Max. Output current AC 50 Hz A 0 Max. Output current DC A 0 System accessory Yes Yes Number of slots 1 Yes With pluggable modules, digital I/O Yes Yes With pluggable modules, communication modules No No With pluggable modules, communication modules No No With pluggable modules, contral modules Yes No With pluggable modules, contral modules No No Wall mounting jossible </td <td>Input voltage at AC 60 Hz</td> <td>V</td> <td>0 - 0</td>	Input voltage at AC 60 Hz	V	0 - 0
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Max. input current AC 60 Hz A 0 Max. input current DC A 0 Output voltage at AC 50 Hz V 0 - 0 Output voltage at AC 60 Hz V 0 - 0 Output voltage at DC V 0 - 0 Type of output voltage BC DC Max. output current AC 50 Hz A 0 Max. output current AC 60 Hz A 0 Mix. output current AC 60 Hz A 0 Mix. output current AC 60 Hz A 0 Mix. output current AC 60 Hz A 0 With pluggable modules, digital I/O Yes Yes With pluggable modules, digital I/O Yes No With pluggable modules, current modules Yes No With pluggable modules, current modules Yes No With pluggable modules, current modules Yes No Wall mounting/d	Type of voltage (input voltage)		DC
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Max. output current AC 50 Hz A 0 Max. output current DC A 0 System accessory Yes Number of slots 1 With plugable modules, digital I/O Yes With plugable modules, analogue I/O Yes With plugable modules, function and technology modules No With plugable modules, central modules No With plugable modules, central modules Yes With plugable modules, others No Rail mounting possible Yes Wall mounting/direct mounting No Back-assembly possible No Suitable for safety functions No Stil according to ER ISO 13849-1 None Appendant operation agent (Ex ia) No Appendant operation agent (Ex ib) No Explosion safety category for dust None With the category for dust None	Output voltage at DC	V	0 - 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 Yes With pluggable modules, analogue I/O Yes With pluggable modules, communication modules No With pluggable modules, communication modules Yes With pluggable modules, contral modules Yes With pluggable modules, contral modules Yes With pluggable modules, contral modules Yes With pluggable modules, outer and technology modules Yes Wall mounting possible Yes Wall mounting/direct mounting Yes Wall mounting/direct mounting No Front built-in possible No Suitable for safety functions No Suitable for safety functions No Suitable for safety functions None Performance level according to EN ISO 13849-1 None Appendant operation agent (Ex ia) No Appendant operation agent (Ex ib) None Explos	Type of output voltage		DC
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System accessory Number of slots With pluggable modules, digital I/O With pluggable modules, communication modules With pluggable modules, communication modules With pluggable modules, function and technology modules With pluggable modules, central modules With pluggable modules, others Rail mounting possible Wall mounting forest mounting Front built-in possible Rack-assembly possible Suitable for safety functions Suit according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for dust Width mm 12.6	Max. output current AC 60 Hz	Α	0
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Suitable for safety functions SIL according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Mo Mo None None None None None None	Front built-in possible		No
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Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Mone Mone None None None	Suitable for safety functions		No
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Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width No None None None 12.6	Performance level according to EN ISO 13849-1		None
Explosion safety category for gas Explosion safety category for dust Width None 12.6	Appendant operation agent (Ex ia)		
Explosion safety category for dust Width None 12.6	Appendant operation agent (Ex ib)		
Width mm 12.6	Explosion safety category for gas		
	Explosion safety category for dust		
Height mm 49.9	Width	mm	
	Height	mm	
Depth mm 154.5	Depth	mm	154.5