Eaton 140090

Eaton XN Base module washer XI/ON, screw, 3 connection levels, con. to C rail

PRODUCT NAME	Eaton XN Rack
CATALOG NUMBER	140090
PRODUCT LENGTH/DEPTH	117.6 mm
PRODUCT HEIGHT	49.9 mm
PRODUCT WIDTH	12.6 mm
PRODUCT WEIGHT	0.041 kg
CERTIFICATIONS	CE Certified by UL for use in Canada IEC/EN 61000-6-2 UL File No.: E205091 IEC/EN 61000-6-4 CSA Class No.: 2252-01, 2252-81 UL Recognized IEC/EN 61131-2 CE, cUL UL 508 UL report applies to both US and Canada IEC/EN 6113-2 Rated data for terminations according to IEC/EN 60947-7-1 UL Category Control No.: NRAQ, NRAQ7 CSA-C22.2 No. 142

Powering Business Worldwide

USED WITH	XN-2DO-24VDC-0.5A-N XN-2DO-24VDC-0.5A-P XN-2DO-24VDC-2A-P XN-2DO-120/230VAC-0.5A
TYPE	XI/ON slice card base module
AIR DISCHARGE	Air/contact discharge according to IEC/EN 61000-4-2
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.
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.

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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.
FITTED WITH:	Pluggable modules, digital I/O Pluggable modules, central modules Power supply
CONNECTION	Connection to C rail
BURST IMPULSE	According to IEC/EN 61000-4-4
EXPLOSION SAFETY CATEGORY FOR DUST	None
ENVIRONMENTAL CONDITIONS	Harmful gasses - H2S: 1 ppm (relative humidity < 75%, no condensation) Harmful gasses - SO2: 10 ppm (relative humidity < 75%, no condensation)
EXPLOSION SAFETY CATEGORY FOR GAS	None
MOUNTING METHOD	Rail mounting possible
VOLTAGE TYPE	DC
SAFETY PERFORMANCE LEVEL (EN ISO 13849-1)	None
SIL (IEC 61508)	None
AMBIENT OPERATING TEMPERATURE - MAX	55 °C

AMBIENT OPERATING TEMPERATURE - MIN	0 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
INPUT CURRENT AT AC - MAX	0 A
INPUT CURRENT AT DC - MAX	0 A
INPUT VOLTAGE AT AC 50 HZ - MAX	0 V
INPUT VOLTAGE AT AC 50 HZ - MIN	0 V
INPUT VOLTAGE AT AC 60 HZ - MAX	0 V
INPUT VOLTAGE AT AC 60 HZ - MIN	0 V
SURGE RATING	According to IEC/EN 61000-4-5 Level 4
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)
NUMBER OF SLOTS	1
ELECTROMAGNETIC FIELDS	According to IEC EN 61100-4-2
RADIATED RFI	IEC/EN 61100-4-6
DROP AND TOPPLE	According to IEC 60068-2-31, free fall according to IEC 60068-2-32
CONNECTION TYPE	Spring-loaded/screw terminal, Connection design in TOP direction
RELATIVE HUMIDITY	5 - 95 % (indoor, Level RH-2, non-condensing for storage at 45°C)
DEGREE OF PROTECTION	IP20
GAUGE PIN	A1 (according to IEC/EN 60947-1)
VIBRATION RESISTANCE	According to IEC/EN 60068-2-6

SHOCK RESISTANCE	Continuous according to IEC/EN 60068-2-29 Mechanical, According to IEC/EN 60068-2-27
INPUT VOLTAGE AT DC - MAX	0 V
INPUT VOLTAGE AT DC - MIN	0 V
NUMBER OF CONNECTION LEVELS	3
OUTPUT CURRENT AT AC, 50 HZ - MAX	0 A
OUTPUT CURRENT AT AC, 60 HZ - MAX	0 A
OUTPUT CURRENT AT DC - MAX	0 A
OUTPUT VOLTAGE AT AC 50 HZ - MAX	0 V
OUTPUT VOLTAGE AT AC 50 HZ - MIN	0 V
OUTPUT VOLTAGE AT AC 60 HZ - MAX	0 V
OUTPUT VOLTAGE AT AC 60 HZ - MIN	0 V
OUTPUT VOLTAGE AT DC - MAX	0 V
OUTPUT VOLTAGE AT DC - MIN	0 V
SYSTEM ACCESSORY	Yes
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
STRIPPING LENGTH (MAIN CABLE)	8 mm
POTENTIAL ISOLATION	Through optocoupler: yes
VOLTAGE DIPS	According to EN 61131-2 (Voltage fluctuations/voltage dips)
TERMINAL CAPACITY	0.5 - 2.5 mm^2, solid, H07V-U 0.5 - 1.5 mm^2, with ferrules without plastic collar according to DIN 46228-1 (ferrules crimped gas-tight)

	0.5 - 1.5 mm², with ferrules with plastic collar according to DIN 46228-1 (ferrules crimped gas-tight) 0.5 - 1.5 mm², flexible without ferrule, H07V-K

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:

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