

Specifications



Eaton 258102

Eaton XIOC Connection terminal (screw) for XC100/200, XIOC modules

General specifications

PRODUCT NAME	Eaton XIOC Accessory Connection terminal
CATALOG NUMBER	258102
MODEL CODE	XIOC-TERM-18S
EAN	4015082581022
PRODUCT LENGTH/DEPTH	25 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	18 mm
PRODUCT WEIGHT	0.045 kg
CERTIFICATIONS	Request filed for UL and CSA
CATALOG NOTES	One 18 pole terminal plug is required for each digital and analog module as well as XC modular PLCs.



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Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 55 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** 0 °C

Design verification

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.

**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.
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

Terminal capacities

TERMINAL CAPACITY	0.2 - 2.5 mm ² , solid 0.5 - 1.5 mm ² , flexible with ferrule
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Resources

BROCHURES	Slice card modular I/O system for the machine building industry XN300 - brochure eaton-xc300-modular-plc-brochure-br050008en-en-us.pdf
ECAD MODEL	DA-CE-ETN.XIOC-TERM-18S
MCAD MODEL	eaton-accessories-mcad-drawings-schraubklemmen.dwg DA-CS-schraubklemmen

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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