

Specifications



Eaton 125070

Eaton SPX Field bus module PROFIBUS-DP with socket SUB-D 9-pole for variable frequency drive SVX and SPX

General specifications

PRODUCT NAME	Eaton SPX Accessory Fieldbus module
CATALOG NUMBER	125070
MODEL CODE	OPTC5
EAN	4015081226818
PRODUCT LENGTH/DEPTH	39 mm
PRODUCT HEIGHT	6 mm
PRODUCT WIDTH	22 mm
PRODUCT WEIGHT	0.2 kg
CERTIFICATIONS	UL UL 508C CE IEC/EN61800-5 UL File No.: E134360 Certified by UL for use in Canada CSA-C22.2 No. 14 UL report applies to both US and Canada UL Category Control No.: NMMS, NMMS2, NMMS7, NMMS8 IEC/EN61800-3
CATALOG NOTES	The field bus module is plugged into the variable- frequency drive.

Communication

PROTOCOL

PROFIBUS-DP

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. 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.

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

Does not apply, since the entire switchgear needs to be evaluated.

10.4 CLEARANCES AND CREEPAGE DISTANCES

Meets the product standard's requirements.

10.6 INCORPORATION OF

Does not apply, since the

SWITCHING DEVICES AND COMPONENTS	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.

General information

PRODUCT CATEGORY	Accessories
SUITABLE FOR	Branch circuits, (UL/CSA)

Resources

APPLICATION NOTES	Electromagnetic compatibility (EMC) eaton-9000x-spi-common-dc-bus-selection-ap040044-en-us.pdf
CATALOGUES	eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-eu250850en.pdf eaton-accessory-declaration-of-conformity-uk251333en.pdf
DRAWINGS	eaton-regulating-equipment-options-profibus-spx-field-bus-module-3d-drawing.eps
INSTALLATION INSTRUCTIONS	IL04012011Z2021_04.pdf
MULTIMEDIA	Eaton variable frequency drives - Demand more than good enough Eaton variable frequency drives - Demand more expertise Eaton variable frequency drives - Demand more innovation How does a VFD work to save energy and money?

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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