

Specifications



Eaton 125061

Eaton SPX I/O expansion device 1AI(mA isolated)2AO(mA isolated) for variable frequency drive SVX and SPX

General specifications

PRODUCT NAME	Eaton SPX input and output expansion
CATALOG NUMBER	125061
MODEL CODE	OPTB4
EAN	4015081226726
PRODUCT LENGTH/DEPTH	39 mm
PRODUCT HEIGHT	6 mm
PRODUCT WIDTH	22 mm
PRODUCT WEIGHT	0.2 kg
CERTIFICATIONS	IEC/EN61800-5 Certified by UL for use in Canada CE UL UL 508C IEC/EN61800-3 UL Category Control No.: NMMS, NMMS2, NMMS7, NMMS8 UL report applies to both US and Canada CSA-C22.2 No. 14 UL File No.: E134360
CATALOG NOTES	The expansion module is plugged into the variable-frequency drive.

Control circuit

INPUT	1 Analog input (mA, isolated)
OUTPUT	2 Analog Outputs (mA, isolated)

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-spx-output-expansion-3d-drawing.eps
INSTALLATION INSTRUCTIONS	IL04012011Z2021_04.pdf
MULTIMEDIA	Eaton variable frequency drives - Demand more than good enough How does a VFD work to save energy and money? Eaton variable frequency drives - Demand more expertise Eaton variable frequency drives - Demand more innovation

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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