

Specifications



Eaton 125063

Eaton SPX 3Pt100 temperature sensor expansion with external 24-V power supply for SVX and SPX variable frequency drives

General specifications

PRODUCT NAME	Eaton SPX temperature sensor expansion
CATALOG NUMBER	125063
MODEL CODE	OPTB8
EAN	4015081226740
PRODUCT LENGTH/DEPTH	39 mm
PRODUCT HEIGHT	6 mm
PRODUCT WIDTH	22 mm
PRODUCT WEIGHT	0.2 kg
CERTIFICATIONS	UL Category Control No.: NMMS, NMMS2, NMMS7, NMMS8 IEC/EN61800-3 UL IEC/EN61800-5 UL 508C UL report applies to both US and Canada CSA-C22.2 No. 14 CE Certified by UL for use in Canada UL File No.: E134360

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

General information

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

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.

Resources

APPLICATION NOTES	eaton-9000x-spi-common-dc-bus-selection-ap040044-en-us.pdf Electromagnetic compatibility (EMC)
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 expertise Eaton variable frequency drives - Demand more innovation Eaton variable frequency drives - Demand more than good enough How does a VFD work to save energy and money?

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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