



## Eaton 125056

Eaton SPX I/O expansion device  
3DI,1RO(NO/NC)1DO for variable frequency  
drive SVX and SPX

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<b>PRODUCT NAME</b>	Eaton SPX input and output expansion
<b>CATALOG NUMBER</b>	125056
<b>PRODUCT LENGTH/DEPTH</b>	39 mm
<b>PRODUCT HEIGHT</b>	6 mm
<b>PRODUCT WIDTH</b>	22 mm
<b>PRODUCT WEIGHT</b>	0.2 kg
<b>CERTIFICATIONS</b>	IEC/EN61800-3 CE UL Category Control No.: NMMS, NMMS2, NMMS7, NMMS8 UL report applies to both US and Canada CSA-C22.2 No. 14 Certified by UL for use in Canada UL 508C IEC/EN61800-5 UL File No.: E134360 UL
<b>CATALOG NOTES</b>	The expansion module is plugged into the variable- frequency drive.



Powering Business Worldwide

<b>PRODUCT CATEGORY</b>	Accessories
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.

<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">eaton-accessory-declaration-of-conformity-uk251333en.pdf</a>
□□□□□	<a href="#">IL04012011Z2021_04.pdf</a>
□□	<a href="#">eaton-regulating-equipment-options-spx-output-expansion-3d-drawing.eps</a>

<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>ACCESSORY/SPARE PART TYPE</b>	Extension module
<b>INPUT</b>	3 Digital inputs
<b>OUTPUT</b>	1 Relay Output (NO/NC) 1 Digital Output
<b>SUITABLE FOR</b>	Branch circuits, (UL/CSA)

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