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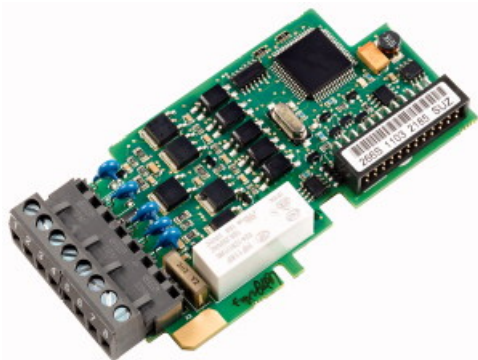
Powering Business Worldwide

OPTB9 - Output expansion 1RO(NO) 5DI(42-240 VAC) for variable frequency drives SVX and SPX



125064 OPTB9

[Overview](#) [Specifications](#) [Resources](#)



## 125064 OPTB9

Output expansion 1RO(NO) 5DI(42-240 VAC) for variable frequency drives SVX and SPX

Alternate Catalog No.

OPTB9

EL-Nummer (Norway)

4132607

Output expansion, Subrange: Output expansion, Description: The expansion module is plugged into the variable-frequency drive., 1 relay output (NO), 5 digital inputs (42 - 240 V AC), For use with: SVX, SPX

- Delivery program
- Design verification as per IEC/EN 61439
- Approvals

### Delivery program

Subrange

Output expansion

Description

The expansion module is plugged into the variable-frequency drive.

1 relay output (NO)

5 digital inputs (42 - 240 V AC)

For use with

SVX, SPX

### Design verification as per IEC/EN 61439

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.5 Lifting

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

10.2 Strength of materials and parts 10.2.6 Mechanical impact

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

10.2 Strength of materials and parts 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.
- 10.5 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 Insulation properties 10.9.2 Power-frequency electric strength  
Is the panel builder's responsibility.
- 10.9 Insulation properties 10.9.3 Impulse withstand voltage  
Is the panel builder's responsibility.
- 10.9 Insulation properties 10.9.4 Testing of enclosures made of insulating material  
Is the panel builder's responsibility.
- 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.

## Approvals

Product Standards

UL 508C; CSA-C22.2 No. 14; IEC/EN61800-3; IEC/EN61800-5; CE marking

UL File No.

E134360

UL Category Control No.

NMMS, NMMS2, NMMS7, NMMS8

CSA File No.

UL report applies to both US and Canada

North America Certification

UL listed, certified by UL for use in Canada

Specially designed for North America

No

Suitable for

Branch circuits

## Additional product information

- [CA04020001Z-EN Product Range Catalog: Efficient Engineering for Starting and Controlling Motors \(PDF\)](#)

## Product photo



8240PIC-85  
Photo

## 3D drawing



8240DRW-136  
Line drawing

## Manual

- [Option card for 9000X Frequency Drives \(MN04003001Z\\_DE\)](#)  
Asset  
(PDF, 10/2005, de)

## Instruction Leaflet

- [Expansion cards for frequency inverter 9000X \(IL04012011Z\)](#)  
Asset  
IL04012011Z Expansion cards for Variable Frequency Drives 9000X  
(PDF, 04/2019, multilingual)

## Declaration of Conformity

### EU

- [Variable frequency drive SPI \(DA-DC-00003692\)](#)  
Asset  
(PDF)
- [Variable frequency drive SVX, SPX \(DA-DC-00003693\)](#)  
Asset  
(PDF)

### UK


- [Variable frequency drive SVX, SPX \(DA-DC-00003956\)](#)  
Asset  
(PDF)
- [Variable frequency drive SPI \(DA-DC-00003958\)](#)  
Asset  
(PDF)

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