VECTOR

OPC2-S: Operation and display accessory for SxC2 series

The OPC2-S is a built -in display and operation terminal for intelligent controllers and sensors of the SxC2 product series (SDC2, SOC2, SCC2-P, …).

Functions

- Display and change of operation state and set points
- Display input values according to real values not voltage signals
- Display and change of configuration parameters

Applications

- Configuration and operation terminal for X2 duct and outdoor controllers
- Supervision of critical environments

Types and Ordering

Product name	Product No.	Description/option
OPC2-S	40-50-0109	Built-in display and operation terminal for SxC2 controller

(i) The OPC2-S may be used together with all SxC2 products without OP:
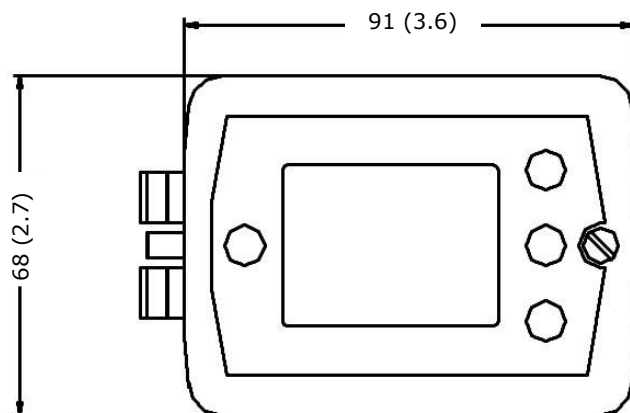- SDC2-x
- SOC2-x
- SCC2-Px

Safety

⚠ **DANGER! Safety advice**

This device is for use as operating controls. It is not a safety device! Where a device failure endangers human life and/or property, it is the responsibility of the client, installer and system designer to add additional safety devices to prevent a system failure caused by such a device failure. Ignoring specifications and local regulations may cause equipment damage and endangers life and property. Tampering with the device and misapplication will void warranty

Technical Specification

Power Supply	Operating Voltage	5 V DC 5%
	Power Consumption	Max 1 VA
	Electrical Connection	Built-in plug
Communication	Communication Type Cable Type Max Distance	VPP (Vector Proprietary Protocol) Copper wire 4 x 0.8…2.5 mm^2. Unshielded 20 m, Shielded > 50 m
Display (LCD)	Actual values and set point Resolution value < 1000 Resolution value > 1000	4 digits 0.1 1
Environment	Operation Climatic Conditions Temperature Humidity	To IEC 721-3-3 class 3 K5 0…50 °C (32…122 °F) <95 % r.H. non-condensing
	Transport & Storage Climatic Conditions Temperature Humidity Mechanical Conditions	To IEC 721-3-2 and IEC 721-3-1 class 3 K3 and class 1 K3 0…50 °C (32…122 °F) <95 % r.H. non-condensing class 2M2
Communication	Communication Type	VPP (Vector Proprietary Protocol)
Standards	CE conform according to EMC Standard 89/336/EEC EMEI Standard 73/23/EEC	EN 61 000-6-1/ EN 61 000-6-3
	Product standards Automatic electrical controls for household and similar use Special requirement on temperature dependent controls	EN 60 730 –1 EN 60 730 – 2 - 9
	Degree of Protection	IP30 to EN 60 529
	Safety Class	III
General	Dimensions (H x W x D)	91 x 68 x 15mm (3.7" x 2.7" x 0.6")
	Housing Material	Fire proof PC+ABS plastic (UL94 class V-0)
	Mounting Plate	Zinc coated steel
	Standard Color	White RAL 9003
	Weight (including package)	130 g (4.6 oz)

Dimensions mm (inch)

Installation

See the OPC2-S installation sheet no. 70-00-0650 on our website www.vectorcontrols.com.

Display and Operation

For information on how to operate the terminal see document " X2 operations manual button displays", no. 70-07-0950 on our website www.vectorcontrols.com.

More detailed information on the X2 functions can be found in the "X2 Engineering Manual" document no. 70-07-0737 on our website www.vectorcontrols.com.

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