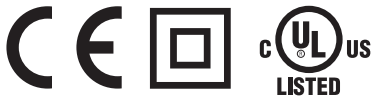This installation guide covers the SCU-PDM2.

Documentation and other information can be found at:
www.AutomationDirect.com
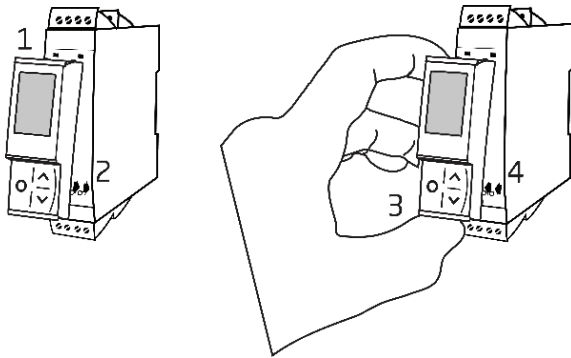
SCU-PDM2 Display / programming front

AutomationDirect
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www.AutomationDirect.com
USA
Tel. 1-800-633-0405
-20°C < Ta < +60°C

 Open-type process control equipment 3PLU

General installation Instructions

Year of manufacturer can be taken from the first two digits in the serial number. The device must be installed by qualified personnel who are familiar wiht the national and international laws, directives and standards that apply.

Mounting

1. Insert the tabs of the SCU-PDM2 into the slots at the top of the device.
2. Hinge the SCU-PDM2 down until it snaps into place.

Demounting the SCU-PDM2

3. Push the release button on the bottom of the SCU-PDM2 and hinge the SCU-PDM2 out and up.
4. With the SCU-PDM2 hinged up, remove from the slots at the top of the device.

WARNING

 To avoid the risk of electric shock and fire, the safety instructions of this guide must be observed and the guidelines followed. The specifications must not be exceeded, and the device must only be applied as described in the following.

Prior to the commissioning of the device, this installation guide must be examined carefully.
Only qualified personnel (technicians) should install this device. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

WARNING

 Until the device is fixed, do not connect hazardous voltages to the device. The following operations should only be carried out on a disconnected device and under ESD safe conditions:

SAFETY INSTRUCTIONS

Receipt and unpacking

Unpack the device without damaging it. Check at the receipt of the device whether the type corresponds to the one ordered.

Environment

Avoid direct sunlight, dust, high temperatures, mechanical vibrations and shock, as well as rain and heavy moisture. If necessary, heating in excess of the stated limits for ambient temperatures should be avoided by way of ventilation.

The device must be installed in pollution degree 2 or better. The device is designed to be safe at least under an altitude up to 2 000 m. The device is designed for indoor use.

If the equipment is installed within an ultimate enclosure, the inner service temperature of the enclosure corresponds to the ambient temperature of the module.

If the device is operated in an ambient temperature between +55ºC and +60ºC, the temperature of the device housing may be higher than +60ºC. The device must therefore be installed so that it is only accessible to service personnel or users that are aware of the reason for restricted access and the required safety measures at an ambient temperature of +55ºC to +60ºC.

Mounting

Only qualified technicians who are familiar with the technical terms, warnings, and instructions in this installation guide and who are able to follow these should connect the device.

Only devices which are undamaged and free of moisture and dust may be installed.

The device is only for use with the AutomationDirect.com SCU series of signal conditioners.

Should there be any doubt as to the correct handling of the device, please contact AutomationDirect.com technical support.

Cleaning

When disconnected, the device may be cleaned with a cloth moistened with distilled water.

The SCU-PDM2 is used for modification of SCU series signal conditioner parameters.

Electrical specifications

Temperature range -20°C to +60°C
Storage .... -25°C to +85°C
Relative humidity .. < 95% RH (non-cond.)
Protection degree . IP20
Dimensions .... (HxWxD) 73.2 x 23.3 x 26.5 mm
Dimensions, with SCU series device (HxWxD) 109 x 23.5 x 131 mm
Supply voltage ...... 6.5...20 V supplied from attached SCU series device
Power consumption 150 mW

Approvals

c UL us, UL 61010-1 E498965