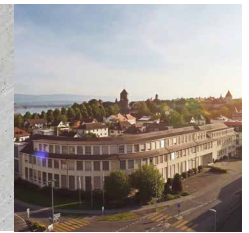


# PCD3.S100

## Workshop Input/Output simulator unit

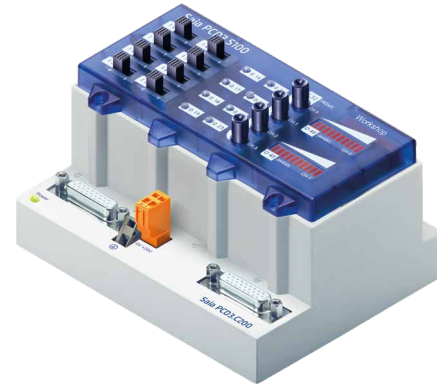


### Description

Input/Output Simulator for PCD3.M/T/C (e.g. for test assembly or workshop models).

The PCD3.S100 workshop simulator unit is only designed for use in workshops and training courses.

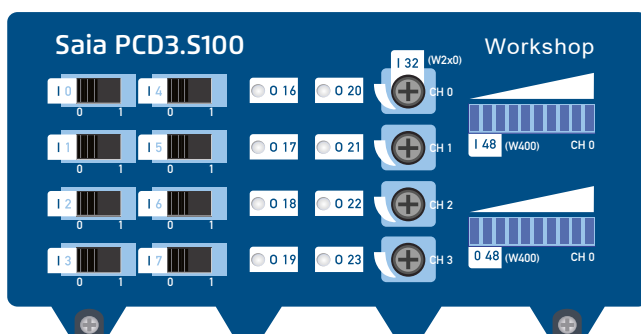
It does not meet the requirements of general applications: it is not approved or calibrated, there are no thorough tests of the mechanical and electrical properties, and no guarantees regarding availability or repair.



PCD3.S100

### Scope of functions

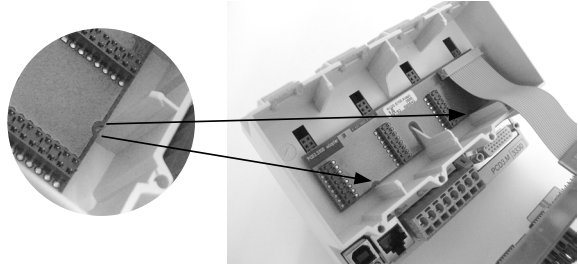


	Address	Corresponds to	Function
Digital inputs	Base address +0	PCD3.E110	8 switches to simulate digital inputs
Digital outputs	Base address +16	PCD3.A400	8 LEDs to display the status of digital outputs
Analogue inputs	Base address +32	PCD3.W200	4 potentiometers (~270° rotation) to simulate analogue inputs, 10 bit resolution
Analogue outputs	Base address +48	PCD3.W400	2 LED histograms with 10 segments, to simulate analogue outputs

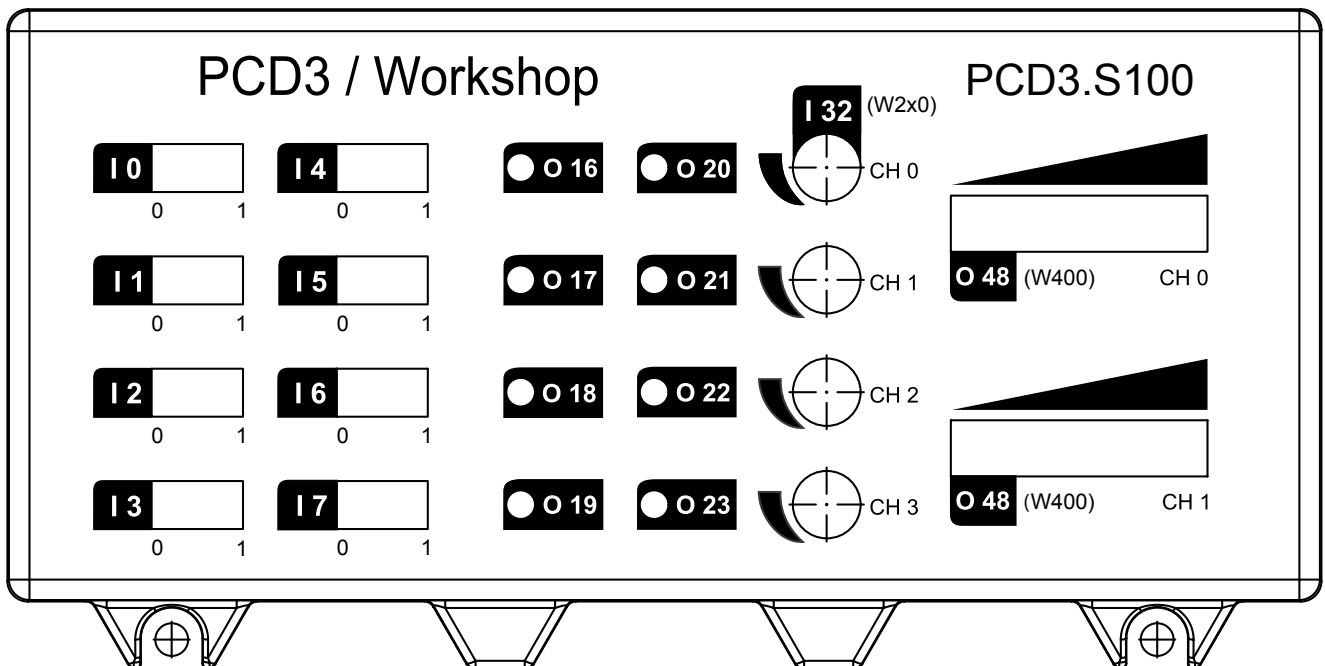


### Technical data

	Value
Internal current consumption (from +5 V bus)	max. 70 mA
Internal current consumption (from V+ bus)	0 mA
External current consumption	---
Terminals	No connections for external wiring

## Assembly instructions

Step-by-step approach		
Step	Procedure	
1	Remove or disable power supply to the CPU.	
2	Connect the bus plate to the I/O bus. Ensure that the bus plate is firmly positioned in the I/O bus sockets, and that the grooves line up with the guides; see arrows.	
3	First insert the bus plate,  then locate the front plate on the module holder.	
4	Fix with the two screws provided.	



**ATTENTION**

These devices must only be installed by a professional electrician, otherwise there is the risk of fire or the risk of an electric shock.

**WARNING**

Product is not intended to be used in safety critical applications, using it in safety critical applications is unsafe.

**WARNING - SAFETY**

The unit is not suitable for the explosion-proof areas and the areas of use excluded in EN61010 Part 1.

**WARNING - SAFETY**

Check compliance with nominal voltage before commissioning the device (see type label). Check that connection cables are free from damage and that, when wiring up the device, they are not connected to voltage. Do not use a damaged device !

**NOTE**

In order to avoid moisture in the device due to condensate build-up, acclimatise the device at room temperature for about half an hour before connecting.

**CLEANING**

The device can be cleaned in dead state with a dry cloth or cloth soaked in soap solution. Do not use caustic or solvent-containing substances for cleaning.

**MAINTENANCE**

These devices are maintenance-free.  
If damaged, no repairs should be undertaken by the user.



Observe this instructions (data sheet) and keep them in a safe place.  
Pass on the instructions (data sheet) to any future user.

**WEEE Directive 2012/19/EC Waste Electrical and Electronic Equipment directive**

The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.



EAC Mark of Conformity for Machinery Exports to Russia, Kazakhstan or Belarus.



PCD3.S100

Ordering information			
Type	Short description	Description	Weight
PCD3.S100	Input/Output Simulator	Input/Output Simulator for PCD3.M/.T/.C (for ex. for test assembly or workshop models)	180 g