

Saia® PCD7D system Web Panel MB std.



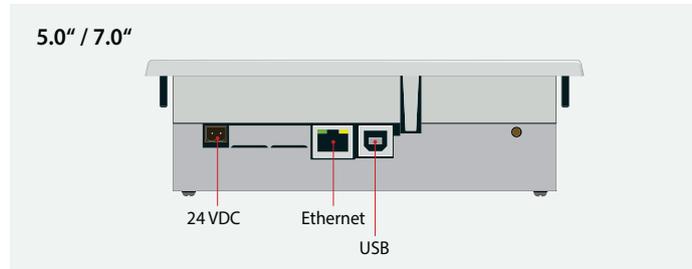
2.3 Saia PCD® Web Panel MB | Standard devices

The microbrowser standard device series is the visualisation and control interface for automations with Saia PCD® controllers. The panels – finished to industrial quality – are available in various sizes to handle various requirements. The internal memory allows all devices to display data trending and alarm history so that dynamic visualisation can be implemented. An application saved in the controller can be displayed on the panel without any additional configuration tool.

Main features

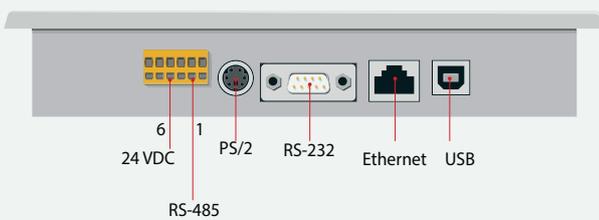
- ▶ Large selection of display sizes, colour TFT display, in VGA or SVGA resolution
- ▶ Fast and easy commissioning without additional applications with an internal setup menu
- ▶ Connection to the web server via Ethernet

Device design

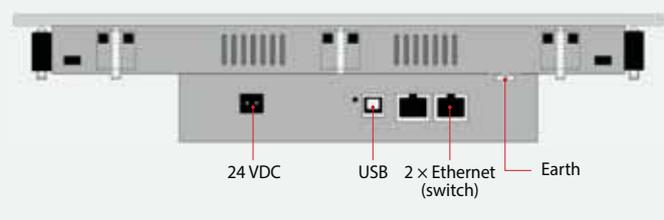


Device installation

5.7" / 10.4"



12.1"



EPLAN macros

EPLAN macros are available for project planning and engineering



The eplan® electric P8 macros are available on the support page.

The macros and article data are also provided on the eplan® data portal.

SBC MB App

Operation and monitoring on iPhone, iPad and Android



Setup menu

The panel is configured in two stages via the setup menu directly on the panel. No additional software or a connection to a laptop is required for commissioning.

1st Stage: Network configuration

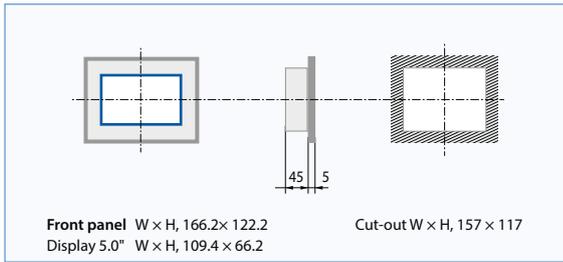
Setup	Network	Help
Enable DHCP	<input type="checkbox"/>	
TCP/IP Address	192.168.12.201	▶
Subnet mask	255.255.255.0	▶
Default gateway	0.0.0.0	▶
Primary DNS Server	0.0.0.0	▶
Secondary DNS Server	0.0.0.0	▶

2nd Stage: Web server configuration

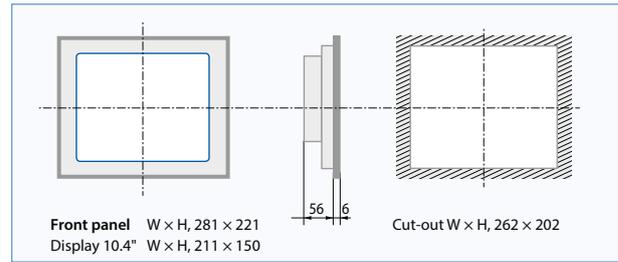
Connection List	Edit Connection
Connection Name	conn_1.http ▶
Start Page	macro.html ▶
Remote host IP	192.168.12.200 ▶
Remote port	80 ▶

Dimensions (W × H × D) and cut-out (W × H) mm

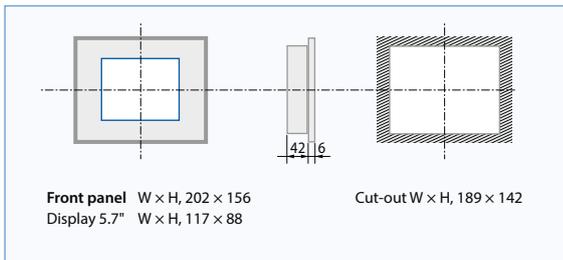
PCD7.D450WTPF



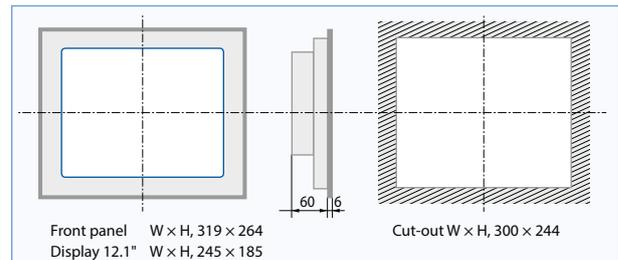
PCD7.D410VTCF



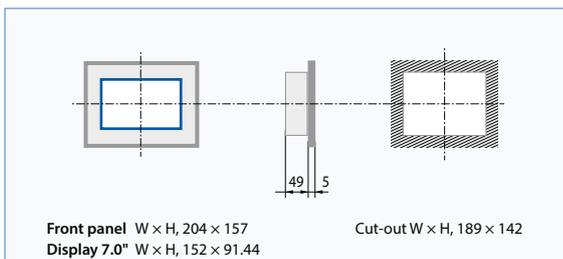
PCD7.D457VTCF



PCD7.D412DTPF



PCD7.D470WTPF



General specifications

Operating system	Saia PCD® COSinus with microbrowser expansion
Protection type (front)	IP 65
Temperature range	Operation: 0...50 °C, (7.0": -25...+70 °C) Storage: -25...+70 °C
Humidity	Operation: 10...80%, Storage: 10...98% non-condensing
Contrast adjustment	Yes
FTP server	Yes
Supply voltage	24 VDC ±20%



					
	PCD7.D450WTPF	PCD7.D457VTCF	PCD7.D470WTPF	PCD7.D410VTCF	PCD7.D412DTPF
Display size	5.0" TFT	5.7" TFT	7.0" TFT	10.4" TFT	12.1" TFT
Resolution (pixels)	WVGA 800 × 480	VGA 640 × 480	VGA 800 × 480	VGA 640 × 480	SVGA 800 × 600
Touch screen	Resistive touch screen	Resistive touch screen	Resistive touch screen	Resistive touch screen	Resistive touch screen
Background lighting	LED	LED	LED	LED	LED
Colours:	65,536	65,536	65,536	65,536	65,536
Onboard file system	128 MB	4 MB	128 MB	4 MB	128 MB
Processor	240 MHz	66 MHz	240 MHz	66 MHz	240 MHz
Interfaces	USB 1.1/2.0 Device Ethernet 10/100 M	RS-232, RS-485 USB 1.1 Device Ethernet 10/100 M	USB 1.1/2.0 Device Ethernet 10/100 M	RS-232, RS-485 USB 1.1 Device Ethernet 10/100 M	USB 1.1/2.0 Device Ethernet 10/100 M
Current requirements	approx. 350 mA	approx. 500 mA	approx. 400 mA	approx. 500 mA	approx. 600 mA
Real-time clock (RTC)	Yes (Supercap)	No	Yes (Supercap)	No	Yes (Supercap)

1 Automation stations

2 Operation and monitoring

3 Dedicated room controllers

4 Consumer data acquisition

5 Switch cabinet components