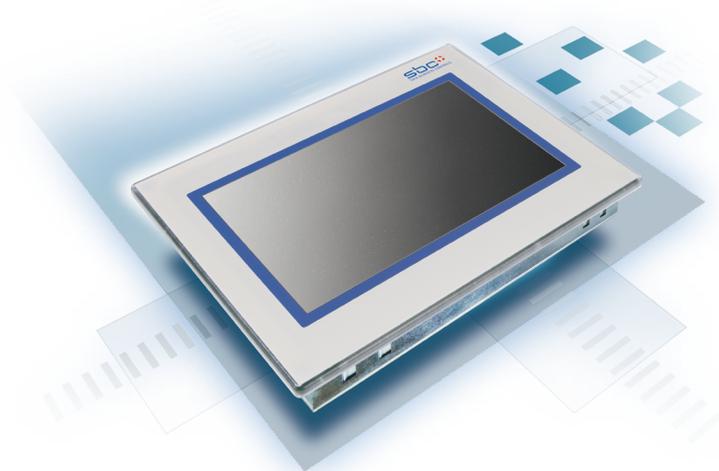**sbc✚**
SAIA BURGESS CONTROLS

Saia PCD MB Panel
7" TFT/ WVGA
PCD7.D470WTPF

The 7" Micro Browser Web panel is designed for use in outdoor environments with an operating temperature range in between –20 °C … +70 °C.

A high resolution of the display with 800 × 480 pixels (WVGA) enables the customer to create sophisticated websites with the Saia PG5® Web Editor. The "wide screen" format factor for displays are often use for mobile devices like tablets or mobile phones. The user application created for this panel in the wide screen form factor is able to fill the display completely.
The powerful CPU based on the ST-3 platform provides fast response and load times. In addition to a USB port, an Ethernet port is standard on the device. The high-quality displays with LED backlight as well as the materials of the case are selected for use in free and bright environments. All components used are UV resistant. So that the panel is well suited for use in outdoor areas VGA existing projects can be visualized without any change in the panel.

Key Features

Operating System
Saia PCD® COSinus with SBC Micro Browser

Saia PCD® COSinus

Screen Resolution
WVGA 800 × 480 Pixel with Resistive Touch-Screen

Ethernet Interface
10/100 Mbit/s, fullduplex, Autosensing/crossing

Browser
SBC Micro-Browser

LED Backlight with adjustable contrast

Local µSD Card
User File System 128 MByte

Technische Daten

Line Type	Base PCD7.D470WTPF
Display	
Color	65'536
Display	7.0 "TFT
Resolution/Pixel	WVGA 800 × 480
Touch-Screen	4-wire Resistive
Contrast adjustable	Yes
Backlight	LED (dimmable in 20 stages)
Processor	
Processor	Coldfire CF5373L. 240 MHz
User File System	128 MByte
Real time clock (RTC)	Yes with Super-Cap (100 h)

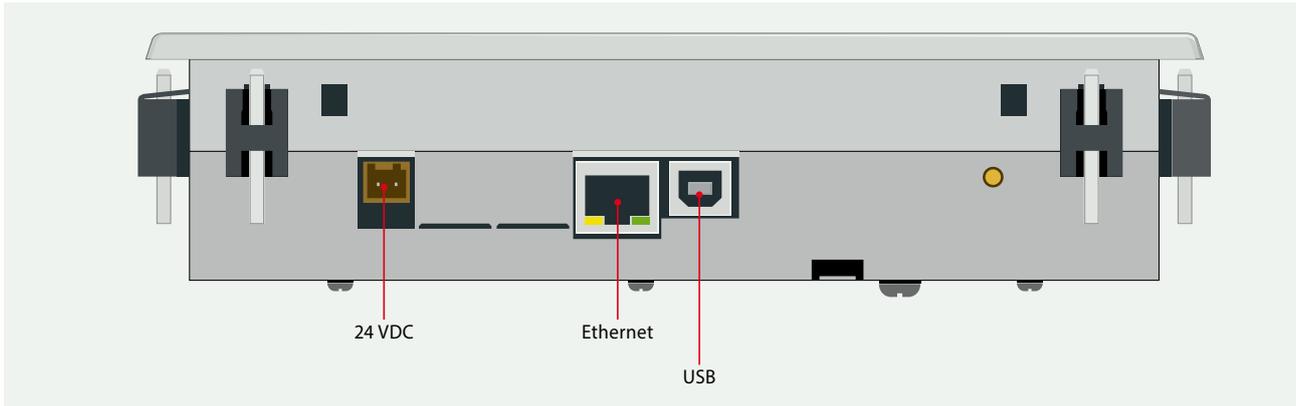| Interfaces	
Ethernet RJ-45	10/100 Mbit/s, fullduplex Autosensing/crossing
USB	USB 1.1/2.0 Device
Software-Tools	
Graphic editor	Saia PG5® Web Editor
Data	
Supply voltage	24 VDC ± 20 %
Current consumption	350 mA
Protection category (front)	IP65
Operating temperature	–20 … +70 °C
Dimensions (W × H × D) [mm]	204 × 157 × 49
Cut out (W × H) [mm]	189 × 142

Communication and communications protocol

List of PCD models able to communicate with this panel

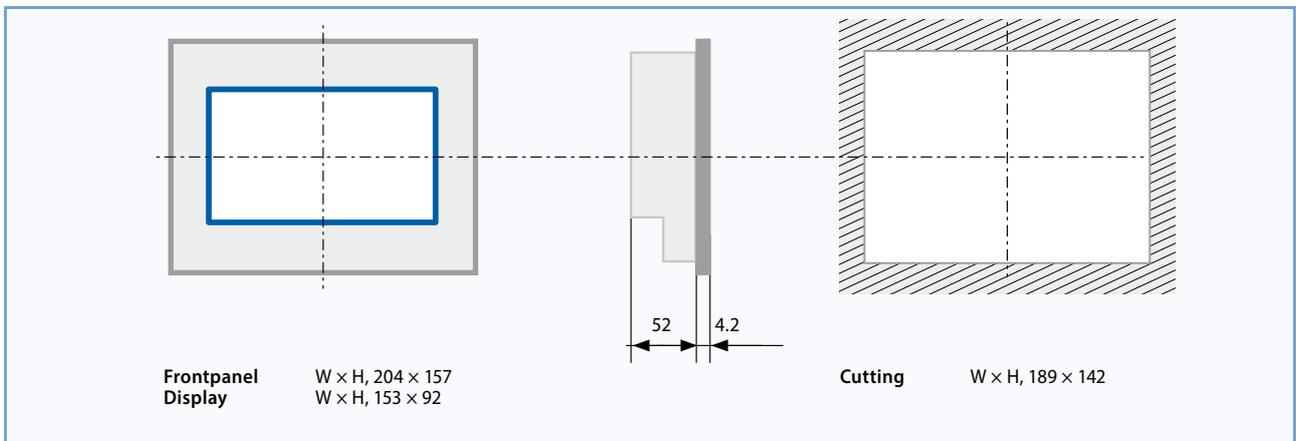| Saia PCD® models (Saia PCD® COSinus Operating System) with Ethernet	direct http via Ethernet
PCD3.M5340 / M5360 / M5540 / M5560 / M6340 / M6360 / M6540 / M6560 / M6860	■
PCD3.M3120 / M3136 / M3330 / M3360	■
PCD3.M2130V6	■
PCD3.M2330	■
PCD2.M4160 / M4560 / M5540	■
PCD1.M2120 / M2160 / M2220-C15 / M0160E	■
PCD7.D443WT5R / D457VT5F / D410VT5F / D412DT5F	■

Installation

24 VDC Ethernet USB

Dimensions (W × H × D) and Cutting (W × H) [mm]

52 4.2

| Frontpanel | W × H, 204 × 157 | Cutting | W × H, 189 × 142 |
| Display | W × H, 153 × 92 | | |

Order informationen

Type	Description	Gewicht
PCD7.D470WTPF	Web panel with embedded Micro-Browser, 7.0" TFT WVGA 800 × 480 pixel, 65 K colors with touch screen, LED backlight, flash memory on µSD, FTP Server, Ethernet	800 gr
PCD7.D470WTPZ11	Web panel with embedded Micro-Browser, 7.0" TFT WVGA 800 × 480 pixel, 65 K colors with touch screen, LED backlight, flash memory on µSD, FTP Server, Ethernet (without SBC logo and code)	800 gr