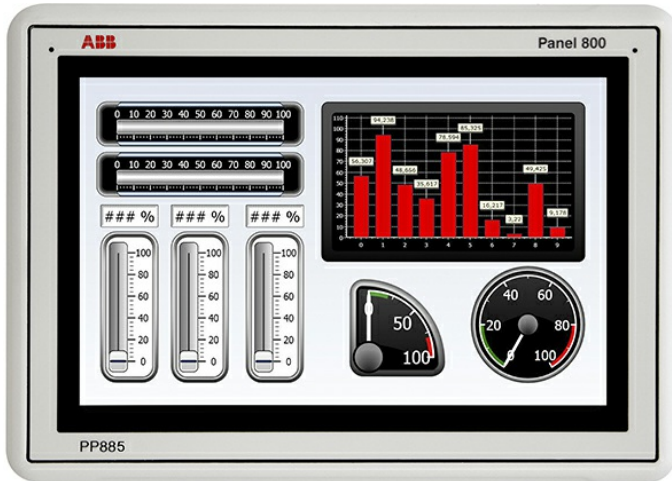


PP885

System 800xA hardware selector



Designed to provide intuitive, fast response rates, ready-to-use templates and libraries, multiple language support and more. The PP882 and PP885 are designed as a cost-effective, safe and efficient way of monitoring and controlling complex HMI applications.

The high performance panels provides improved process visibility through high-resolution widescreen in 12.1" and 15.4", 262,000 color TFT/LED display with quicker access to multiple applications and an easy-to-use and navigate touchscreen interface.

Features and benefits

- Easy to use**
 A fully deployable HMI with comprehensive and integrated templates and libraries for every conceivable process. The Panel Builder tool, with familiar Microsoft® Windows® environment along with multiple language support results in remarkably quick, easy and efficient engineering.
- State-of-the-arts graphics**
 Vector-based, high-resolution graphics in TFL/LED display, with icon-based interface, navigation and control.
- Robust and reliable**
 Panel 800 is constructed in a strong yet lightweight diecast, powder-coated aluminum housing. IP65/IP20 front casing withstands wet, dusty and demanding environments. Operating temperatures ranging between -10° C to +50° C with maximum 85% humidity.
- Truly open platform**
 Built on open architecture and technologies that accompany the .NET framework, these panels are capable of multi-brand controller connectivity. A multitude of connection options are available for local communication, expansion, remote access and more.
- Try your application before you use it**
 Nice possibility to simulate and run the application directly from the Panel Builder 800 before you use it.

General info

Article number	3BSE069276R1
Category	High performance
Display type	Touch
Display size	15.4"
Brightness	Standard brightness (450 cd/m ²)
Display resolution, ratio	1280 x 800 (16:10)
Processor	Intel® Atom (1.1GHz)
Main memory	1GB (DDR2)
External storage media	1 x SD card (or SDHC with latest image loaded)
Dimension WxHxD (mm)	410 x 286 x 83
Net weight (kg)	3.85
Power supply	+24VDC (18-32 VDC)
Operating temperature	-10 to +50 °C

Detailed data

View angle (H/V)	160° / 140°
Dimming	Yes
Interaction type	Resistive touch, 1 million finger touch operations
Realtime clock	Yes
Ethernet (shielded RJ 45)	2 built-in ports: 1 x 10/100/1000 Mbit/s, 1 x 100 Mbit/s
USB	3 x USB 2.0, max. 500 mA
Serial port	2 combined ports: 2 x RS232, 2 x RS422/485

Environmental and certification

Frame material, front foil	Powder-coated aluminum, Polyester Autotex EBA180L
Power consumption	24W
Protection (front/rear)	IP65 / IP20
Relative operating humidity	5-85% non-condensing
Storage temperature	-20 to +70 °C
Vibration and shock	0.7 G / 10 G
CE-marking	CE
UL	UL 508
RoHS compliance	EN 50581:2012

Dimensions

Dimension W×H×D (mm)	410 x 286 x 83
Cut-out dimension W×H (mm)	394 x 270
Mounting depth mm. (Including clearance)	76 (176)
Mounting	Panel Mount and VESA 75 x 75

www.abb.com/800xA
www.abb.com/controlsystems

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