

PP885M

System 800xA hardware selector



The black panels are marine certified in 7" (PP874M) and 15.4" (PP885M, PP885H) sizes, with high resolution touch screen displays. Their classic black enclosure offers low light reflection and seamless integration for all on-board applications. Dimmable backlight to suit varied ambient light conditions, and high brightness for outdoor use in bright sunlight.

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 for PP874M), (IP66/IP20, NEMA-4X for PP885M and PP885H) front casing withstands wet, dusty and demanding environments. Operating temperatures ranging between -15° C to +55° 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	3BSE069280R1
Category	Black
Display type	Touch
Display size	15.4"
Brightness	Standard brightness (450 cd/m ²)
Display resolution, ratio	1280 x 800 (16:10)
Processor	1.0 GHz Intel® Atom™
Main memory	1 GB
External storage media	1 x SD card (or SDHC with latest image loaded)
Dimension WxHxD (mm)	410 x 286 x 83
Net weight (kg)	4.4
Power supply	24 VDC (18-32 VDC)
Operating temperature	-15 to +55 °C

Detailed data	
View angle (H/V)	160/140
Dimming	Maritime optimized to 0 cd/m ²
Interaction type	Resistive touch, 5 million finger touch operations
Realtime clock	Yes
Ethernet (shielded RJ 45)	1 x 10/100 Base-T, 1 x 10/100/1000 Base-T
USB	3 x USB Host 2.0, max 500mA
Serial port	1 x RS232, 1 x RS422/485 (isolated)

Environmental and certification	
Frame material, front foil	Black powder-coated aluminum, polyester Autoflex EB
Power consumption	28 W
Protection (front/rear)	IP66 / IP20, NEMA-4X
Relative operating humidity	5-85% non-condensing
Storage temperature	-20 to +70 °C
Vibration and shock	0.7 G / 10 G
CE-marking	EN61000-6-4, EN61000-6-2
UL	UL/cUL 61010-2-201 (replacement for UL 508)
Marine	<p>DNV Location classes: Temperature: B Humidity: B Vibration: A EMC: B Enclosure: C (panel front only)</p> <p>ABS, Manufacturing Assessment and Product Design Assessment, GL, Environmental Category A, D/G, EMC 1 LR, ENV1 and ENV2, Compass Safe Distance 600 mm.</p>
RoHS compliance	EN 50581:2012
WEEE compliance	DIRECTIVE/2012/19/EU

Dimensions	
Dimension WxHxD (mm)	410 x 286 x 83
Cut-out dimension WxH (mm)	394 x 270
Mounting depth mm. (Including clearance)	76 (176)
Mounting	Panel Mount and VESA 75 x 75

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