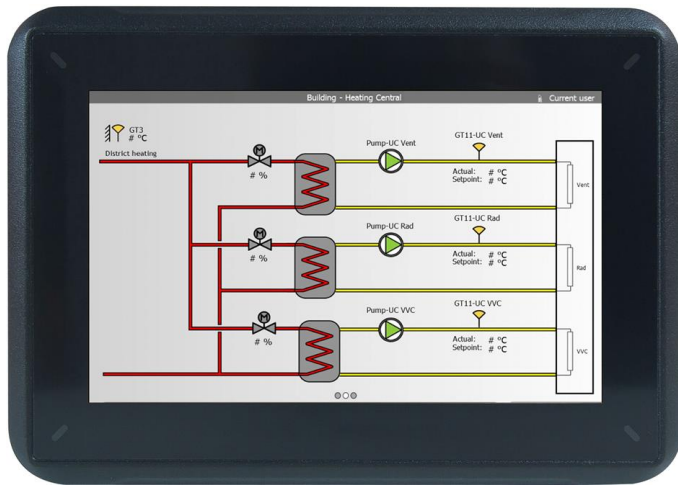


PP874M

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 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 | 3BSE069279R1 |
| Category | Black |
| Display type | Touch |
| Display size | 7" |
| Brightness | Standard brightness (500 cd/m ²) |
| Display resolution, ratio | 800 x 480 (16:9) |
| Processor | ARM9 400MHz |
| Main memory | 128 MB |
| External storage media | 1 x SD card (or SDHC with latest image loaded) |
| Dimension WxHxD (mm) | 204 x 143 x 52.2 |
| Net weight (kg) | 0.8 |
| Power supply | 24 VDC (18-32 VDC) |
| Operating temperature | -15 to +55 °C |

| Detailed data | |
|---------------------------|--|
| View angle (H/V) | 140/120 |
| Dimming | Maritime optimized to 0 cd/m ² |
| Interaction type | Resistive touch, 1 million finger touch operations |
| Realtime clock | Yes |
| Ethernet (shielded RJ 45) | 1 x 10/100 Base-T |
| USB | 1 x USB 2.0, max. 200 mA |
| Serial port | 2 combined ports: 2 x RS232, 2 x RS422/485 |

| Environmental and certification | |
|---------------------------------|---|
| Frame material, front foil | Black powder-coated aluminum; polyester Autoflex EBA 180L |
| Power consumption | 6.0 W |
| 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 | EN61000-6-4; EN61000-6-2 |
| UL | UL/cUL 508 |
| Marine | DNV Location classes: Temperature: B Humidity: B Vibration: A EMC: B Enclosure: Required protection according to DNV ABS, Product Design Assessment GL Environmental Category C, EMC 1 LR, ENV1 and ENV2, Compass Safe Distance 600 mm KR, Pt. 6, Ch. 2, Art. 301 |
| RoHS compliance | EN 50581:2012 |
| WEEE compliance | DIRECTIVE/2012/19/EU |

| Dimensions | |
|--|------------------------------|
| Dimension WxHxD (mm) | 204 x 143 x 52.2 |
| Cut-out dimension WxH (mm) | 187 x 126 |
| Mounting depth mm. (Including clearance) | 43 (143) |
| Mounting | Panel Mount and VESA 75 x 75 |

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