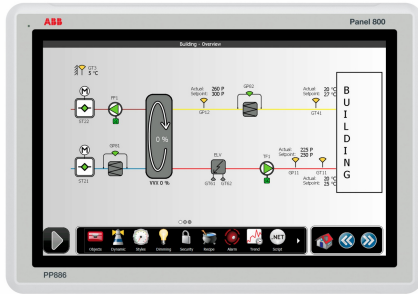# PP886
## System 800xA hardware selector



Touchscreen panels with brilliant TFT/LED display colors and multi-protocol connectivity. The standard range of Panel 800 comprises of PP875, PP881, PP883, PP886 and PP895 that are easy-to use HMI with comprehensive and integrated templates and libraries for every conceivable process you need. All standard panels are equipped with high-resolution graphics in TFT/LED display. Most models offer wide screen, high resolution display for increased efficiency and excellent operator interaction.

## 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. Front casing withstands wet, dusty and demanding environments. Operating temperatures ranging between -10° C to + 60° 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 | 3BSE092980R1 |
| Category | Standard |
| Display type | Touch |
| Display size | 15.4" |
| Brightness | 450 cd/m² |
| Display resolution, ratio | 1280 x 800 (16:10) |
| Processor | ARM9 (1 GHz) |
| Main memory | 1 GB |
| External storage media | 2 GB SSD, 1.5 GB free for application storage |
| Dimension WxHxD (mm) | 410 x 286 x 61 mm |
| Power supply | 24 V DC (18 to 32 VDC) |
| Operating temperature | -10 °C to +60 °C |

## Detailed data

| | |
|---|---|
| Dimming | Yes |
| Interaction type | Resistive touch |
| Realtime clock | Yes |
| Ethernet (shielded RJ 45) | 2 x 10/100 Base-T |
| USB | 2 x USB 2.0, 500 mA |
| Serial port | 1 x RS232, 1 x RS422/485, 1 x RS485 (only if COM 2 is RS485) |

## Environment and certification

| | |
|---|---|
| Frame material, front foil | White powder-coated aluminum |
| Power consumtion | 31.2 W |
| Protection (front/rear) | Front IP65, NEMA 4X/12 and UL Type 4X/12. Rear IP20 |
| Relative operating humidity | 5 % – 85 % non-condensed |
| Storage temperature | -20 °C to +70 °C |
| Vibration and shock | 1 G / 15 G |
| CE-marking | CE, FCC, KCC |
| UL | UL 61010-2-201 |
| Marine | DNV, KR, GL, LR, ABS, CCS |
| Hazardous | No |
| RoHS compliance | DIRECTIVE/2011/65/EU |
| WEEE compliance | DIRECTIVE/2012/19/EU |

## Dimensions

| | |
|---|---|
| Weight | 3.85 kg |
| Dimension W×H×D (mm) | 410 x 286 x 61 mm |
| Cut-out dimension W×H (mm) | 394 x 270 mm |
| Mounting depth mm. (Including clearance) | 53 (153) mm |
| Mounting | Panel Mount, VESA 75 x 75 |

PNAP

**ABB**

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