

# PP895

## 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 for PP895 ranging between 0° 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.

| General info              |   |
|---------------------------|---|
| Article number            | 3BSE092981R1                                  |
| Category                  | Standard                                      |
| Display type              | Touch   |
| Display size              | 21.5"   |
| Brightness                | 250 cd/m <sup>2</sup>                         |
| Display resolution, ratio | 1920 x 1080 pixels                            |
| Processor                 | ARM9 (1 GHz)                                  |
| Main memory               | 2.0 GB  |
| External storage media    | 2 GB SSD, 1.5 GB free for application storage |
| Dimension WxHxD (mm)      | 556 x 347 x 65 mm                             |
| Net weight (kg)           | 7.38 kg                                       |
| Power supply              | + 24 V DC (18 to 32 VDC)                      |
| Operating temperature     | 0 °C to +50 °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, 500mA   |
| 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 consumption             | 45.6 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 +60 °C                                    |
| Vibration and shock           | 1 G / 15 G  |
| CE-marking                    | CE, FCC, KCC  |
| UL                            | UL 61010-2-201                                      |
| RoHS compliance               | DIRECTIVE/2011/65/EU                                |
| WEEE compliance               | DIRECTIVE/2012/19/EU                                |

| Dimensions                               |                           |
|--|---------------------------|
| Weight                                   | 7.38 kg                   |
| Dimension W×H×D (mm)                     | 556 x 347 x 65 mm         |
| Cut-out dimension W×H (mm)               | 539 x 331 mm              |
| Mounting depth mm. (Including clearance) | 57 (157) mm               |
| Mounting                                 | Panel Mount, VESA 75 x 75 |

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