
Section 4 Technical Data

Parameter	PP845	PP845A
Front panel, W x H x D	302 x 228 x 6 mm	
Mounting depth	58 mm (158 mm including clearance)	
Front panel seal	IP 66	
Rear panel seal	IP 20	
Keyboard material/ Front panel	Touch screen: Polyester on glass *, 1 million finger touch operations. Overlay: Autotex F157/F207 *.	
Reverse side material	Powder-coated aluminum	
Weight	2.1 kg	
Serial port RS422/RS485	25-pin D-sub contact, chassis-mounted female with standard locking screws 4-40 UNC.	
Serial port RS232C	9-pin D-sub contact, male with standard locking screws 4-40 UNC.	
Ethernet	Shielded RJ 45	
USB	Host type A (USB 1.1), max output current 500mA Device type B (USB 1.1)	
CF-slot	Compact flash, type I and II	
Flash memory for application	12 MB (incl. fonts)	
Real time clock	±20 PPM + error because of ambient temperature and supply voltage. Total maximum error: 1 min/month at 25 °C Temperature coefficient: -0.034±0.006 ppm/°C ²	

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Real time clock battery	CR2450 (UL and cUL: Sanyo or Panasonic) Minimum lifetime: 3 years	Rechargeable battery.
Power consumption at rated voltage	Normal: 0.5 A Maximum: 1.0 A	
Display	TFT-LCD. 800 x 600 pixels, 64K color. CCFL backlight lifetime at the ambient temperature of +25 °C: >50,000 h.	
Active area of display, W x H	211.2 x 158.4 mm	
Fuse	Internal DC fuse, 3.15 AT, 5 x 20 mm	
Power supply	+24V DC (20 - 30V DC). 3-pin jack connection block. CE: The power supply must conform with the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: The power supply must conform with the requirements for class II power supplies.	
Ambient temperature	Vertical installation: 0 ° to +50 °C Horizontal installation: 0 ° to +40 °C	
Storage temperature	-20 °C to +70 °C	
Relative humidity	5 - 85 % non-condensed	
CE approvals	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.	
UL, cUL approvals (when product or packing is marked)	UL 1604 Class I, Div 2 / UL 508 / UL 50 4x indoor use only	UL 508 / UL 50 4x indoor use only
DNV	Yes	
NEMA	4x indoor use only	

* See [Section 5, Chemical Resistance](#) for more information.