

## 4. Technical parameters

Electrical	
Supply voltage	22-28VDC class 2 + PE
Power input	<10,8W
Current input	450mA @24VDC
Peak starting current	< 2A
Voltage Resistance	500VAC (1 min.)
Isolation Resistance	Exceed 50M $\Omega$ at 500VDC
Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)

Display	
Display	4.3" TFT
Resolution	480 x 272
Brightness (cd/m <sup>2</sup> )	400
Contrast Ratio	500:1
Backlight Type	LED
Backlight Life Time	>30,000 hrs.
Colors	16.7M
LCD Viewing Angle (T/B/L/R)	50/70/70/70

Touch Panel	
Type	4-wire Resistive Type
Accuracy	Active Area Length(X) $\pm$ 2%, Width(Y) $\pm$ 2%

Memory	
Flash	128 MB
RAM	128 MB

Processor	
	32 bits RISC 600MHz

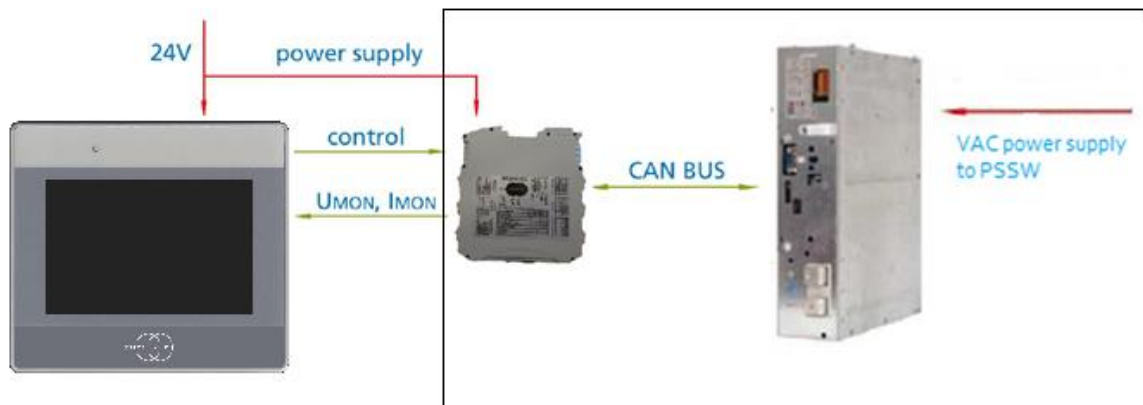
Specifications	
PCB Coating	Yes
Enclosure	Plastic
Dimensions WxHxD	128 x 102 x 32 mm
Panel Cutout	119 x 93 mm
Weight	Approx. 0,25 kg
Mount	Panel Mount
Panel mounting	4x bracket/screws (2,6-3,9 lbf.in torque required for screws)

Environment	
Protection Structure	UL Type 4X (Indoor only) / NEMA4 / IP65 Compliant Front Panel
Storage temperature	-20° - 60°C (-4° - 140°F)
Operation temperature	0-45°C (0-50°C if UL is not needed)
Relative Humidity	10% - 90% (non condensing)

Certificate	
CE	CE marked
UL	cULus Listed

The DSPPSSW08 display is designed to control up to 8 PSSW type power supplies. With this display it is needed to include also a CISW00108 control interface per PSSW power supply (as per attachment 1).



1 to 8x Control Interface+ PSSW powersupply can be connected

Table of supported power supply and control interface types, output voltage and current

Power Supply	Power Supply Type	Max. output voltage (V)	Max. output current (A)	Max. output current (A) at max. DC Voltage
3x 400 VAC	PSSW60012 + CISW00108	600	12	8
	PSSW30024 + CISW00108	300	24	16
230 V AC	PSSW07050 + CISW00108	70	50	41,4
	PSSW14025 + CISW00108	140	25	20,7
3x 400 VAC (2x)	2x PSSW60012 + 1x CISW00108	600	24	16

Although the DSPPSSW08 display will allow stand-alone control of up to 8 EDI modules, the control interface will allow PLC monitoring and even current control by PLC if desired.

Communication between the DSPPSSW08 and the CISW00108 control interfaces is done by Modbus RTU protocol over RS485 interface.