

dametric

PSU-120W-24



GMS Power Supply Unit

DESCRIPTION

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1. General

The switch mode power supply feeds the GMS system with the 24VDC supply voltage. The unit is powered from the mains supply voltage, 115 or 230 VAC.

2. Technical specification

Supply voltage:	100 – 240 VAC (85-264 VAC)
Frequency:	50/60 Hz (47 – 62Hz)
Current consumption:	2.0 A @ 115VAC, 1.0A @ 230VAC
Output voltage:	24 VDC, $\pm 10\%$
Output adjustable range:	24-28VDC by a potentiometer in the front panel
Output current:	5A
Temperature range:	-10°C to +70°C
Humidity	95% rel. H max
Switching frequency:	55-180 kHz depending on load
Safety standard:	IEC60950-1, EN 60950-1, UL 60950-1, UL 508, EN 50178, EN 60204, EN 61558-2-8
Mounting:	DIN rail
Size:	Height=75 mm, Width=85 mm, Depth=100 mm
Parallel operation	Yes, max. 5 units
Temperature protection:	Yes
Overload protection:	Yes
Power OK trigger point:	>22VDC
Power OK output:	22.0V $\pm$ 2.0V/30mA max
Valmet art. no.;	VAL0288667

3. Connection

Mains input (bottom)

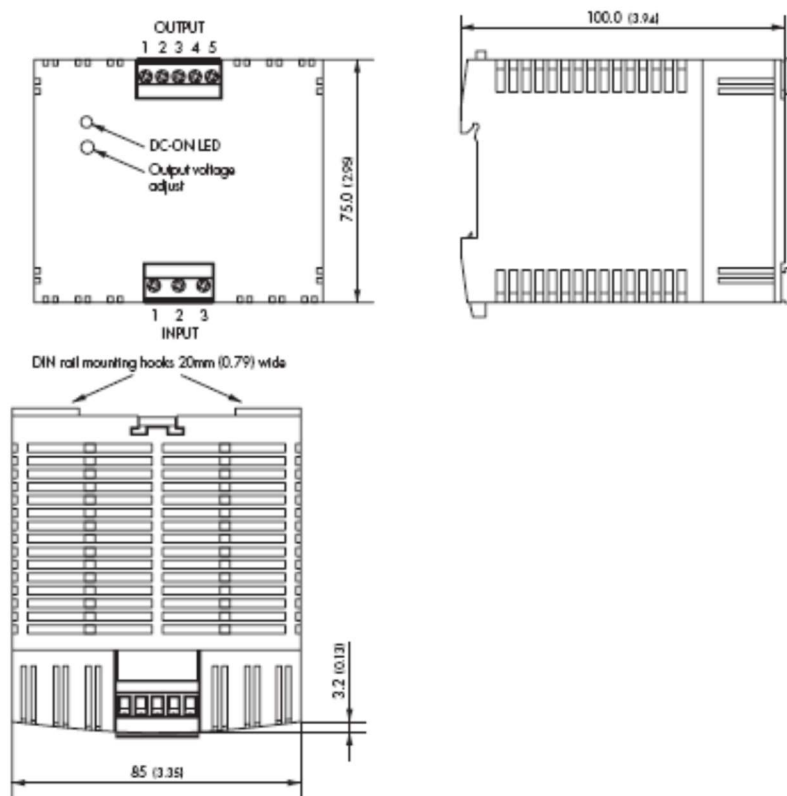
- 1 AC Ground
- 2 Neutral
- 3 Live

Output (top)

- 1 +24VDC
- 2 +24VDC
- 3 0V
- 4 0V
- 5 Power OK, +22VDC output if OK

4. Dimensions

TCL 120 models



5. Contact

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