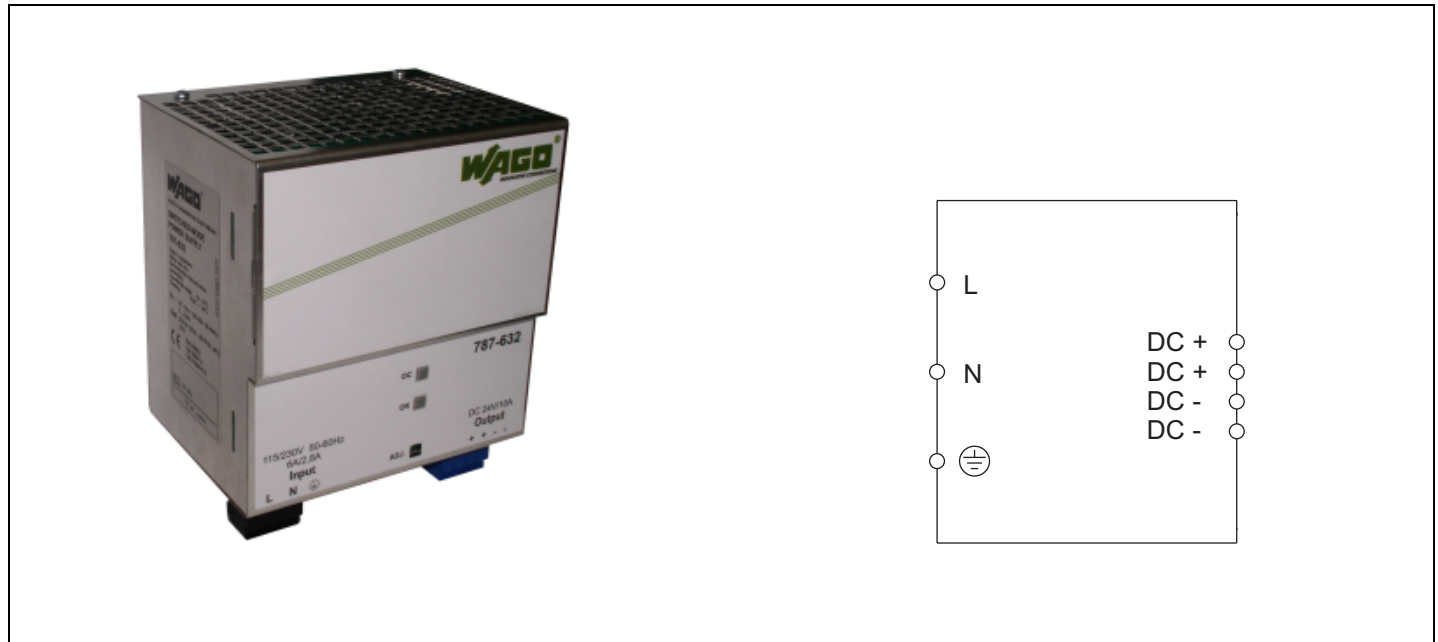


Power Supply Unit

Primary switched-mode, DC 24 V / 10 A

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Data sheet



Description	Item-No.	Pack.-unit pcs
Input AC 230 V ; Output DC 24 V / 10 A	787-632	1
<p>Power supply unit with a broad input voltage range for assembly onto DIN 35 rail.</p> <p>Characteristics:</p> <ul style="list-style-type: none"> • Short circuit proof. • Open circuit proof. • Thermal overload protection. • Use of switching regulator controller technology ensures compact design. • High efficiency. <p>Revision status</p> <p>„R01“ from FA 802289 with broad input voltage range AC 85–264 V</p>	<p>Technical Data</p> <p>Input</p> <p>Nominal voltage range $U_{I, nom}$ AC 110-230 V</p> <p>Voltage range AC 85-264 V DC* 90-350 V * requires external protection</p> <p>Frequency 50-60 Hz</p> <p>Input current I_i AC 2-6 A DC 1-3.5 A</p> <p>Discharge current 1 mA_{typ.}</p> <p>Inrush current <60 A_P</p> <p>Output hold-up time >20 ms</p> <p>Output</p> <p>Nominal voltage $U_{O, nom}$ DC 24 V</p> <p>Voltage range DC 22.8-28.8 V adjustable</p> <p>Output current I_o 10 A</p> <p>Adjustment accuracy 3 %</p> <p>Residual ripple <100 mV_{ss} (up to 20 MHz)</p> <p>Current limitation from approx. 1.2 x I_o (see output characteristic)</p> <p>Efficiency 88 %_{typ.}</p> <p>LED green at U_o DC 24 V (o.k)</p> <p>LED red at overcurrent</p> <p>Safety extra low voltage SELV</p> <p>General data</p> <p>Degree of protection IP 20</p> <p>Protection class prepared for class I equipment</p> <p>Ambient operating temperature -10 °C...+70 °C</p> <p>Derating -3 % / K (>50 °C)</p> <p>Storage temperature -25 °C...+85 °C</p> <p>Relative air humidity 30-85 %, no condensation</p>	

Power Supply Unit

Primary switched-mode, DC 24 V / 10 A

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Data sheet

<p>U_o Output characteristic curve (DC V)</p> <p>24</p> <p>0 10 12 I_o (DC A)</p>	Mounting system	To be snapped onto DIN rail (EN 50022)
	Wire connection	Terminal blocks with CAGE CLAMP® (WAGO series 231) 0.08-2.5 mm ² / AWG 28-12* * AWG12: THHN, THWN
	Stripped length	8-9 mm / 0.33 in
	Weight	960 g
	Dimensions (WxHxD)	(115 x 87**x 140) mm (4.53 x 3.43**x 5.51) in ** from upper edge of DIN35 rail
	Standards / prescriptions	
	Safety	EN 60950, UL 60950, UL 508
	Emission of interference	EN 61000-6-3
	Immunity to interference	EN 61000-6-2
	Approvals	UL 60950 (CSA C22.2/ No.60950) UL 508 (CSA C22.2/ No.14-05) EN 61204