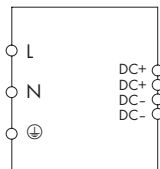


# ECO Primary Switch Mode Power Supply Units



	<b>Output voltage DC 24 V; 5 A open circuit and short circuit protected, adjustable output voltage, LED status indication</b>	
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- prepared for class I equipment
- natural convection cooling when horizontally mounted
- encapsulated, for use in switchgear cabinets

Description	Vo nom	Item no.	Pack. unit
ECO primary switch mode power supply units, for DIN 35 rail	DC 24 V	787-722	1

## Technical Data

Nominal input voltage Vi	AC 230 V
Input voltage range	AC 85 V ... 264 V*
	*with derating -0.8 % / V (< 110 V)
Frequency	47 Hz ... 63 Hz
Input current Ii	1.6 A typ. at AC 230 V
Inrush current	< 30 Ap
Mains failure hold-up time	> 20 ms at AC 230 V
Nominal output voltage Vo	DC 24 V
Output voltage range	DC 22 V ... 28 V adjustable
Output current Io	5 A at DC 24 V
Residual ripple	< 100 mVpp to 20 MHz
Derating	-2.67 % / K (> 40 °C)
Adjustment accuracy	1 %
Current limitation	from 1.15 to 1.4 x Io
Efficiency	82 % typ.
Test voltage pri.-gr./pri.-sec./sec.-gr.	1.5 kV / 3 kV / 0.5 kV
Degree of protection	IP 20
Operational indication	LED green (24 V DC o.k.), LED red (overload)
Type of mounting	DIN-rail mounting (DIN EN 50022)
Ambient operating temperature	-10 °C ... +70 °C
Storage temperature	-25 °C ... +85 °C
Dimensions (mm) W x H x L	75x92x136
	Height from upper-edge of DIN 35 rail
Wire connection	CAGE CLAMP® (WAGO 745 Series)
Cross sections	0.08 mm² ... 4 mm² / AWG 28 ... 12 (THHN, THWN)
Stripped lengths	8 ... 9 mm / 0.33 in
Weight	740 g
Standards/Specifications	EN 60950, EN 61000-6-2, EN 61000-6-3

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