



Switched-mode power supply 787-740

URL:https://www.sxplc.com/switched-mode-power-supply-787-740

Product data sheet

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Output

Output	
Nominal output voltage U _{o nom}	DC 24 V (SELV)
Output voltage range	DC 22 28 V (adjustable)
Default setting	DC 24 V
Nominal output current I o nom	10 A (24 VDC)
Nominal output power	240 W
Control deviation	≤ 1 %
Residual ripple	≤ 100 mV (peak-to-peak)
Overload behavior	Constant power (in overload range: 1.15 1.4 x I o nom); Shutdown
	and automatic restart in the event of a short circuit
Signaling and communication	
Signaling	1 x LED DC OK (green) 1 x Overload LED (red) 1 x DC OK signal output (optocoupler as make contact; max. 31.2 V 20 mA)
Operation status indicator	Green LED (U _o)
	Red LED (overload)
Efficiency/power losses	
Power loss P _I	≤ 32.5 W
Power loss (max.) P _{I (max.)}	36 W
Efficiency (typ.)	89 %
Circuit protection	
Internal fuse	3 x T 2 A / 250 VAC
Required backup fusing	An external DC fuse is required for the DC input voltage.
Recommended backup fusing	3 x circuit breaker ≥ 6 A; Tripping characteristic: B or C Alternative: motor circuit breaker
Safety and protection	
Isolation voltage (PriSec.)	DC 4.242 kV

DC 2.2 kV



Isolation voltage (Pri.-GND)

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