

Power supplies

Model number
PS459004A



8.0 amp AS-Interface power supply

This compact power supply is designed for use with AS-Interface systems where power and data share the same wires. The 8.0 amp power supply provides power to the AS-Interface bus for operation of masters and slaves for output devices. Integrated into the supply is a power conditioner which decouples data from the power supply enabling signal and power to be carried on the same pair of wires.

Features

- Current limited/short circuit protected
- Regulated to $\pm 3\%$
- Power decoupled from communication signal



Specifications	
Output voltage	30.55 VDC $\pm 3\%$
Output current	8.0 amps (244 watts)
Output inductance	100 mH $\pm 10\%$
Input voltage	Selectable 120 / 240 VAC (47-63 Hz)
Displays	Power on, green LED
Current limits	8.4 amp (min)
Operating temperature	-10° to +70°C (-14° to +158°F)
Storage temperature	-25° to +85°C (-13° to +185°F)
Housing	Al/Mg alloy, DIN rail mounting
Dimensions (L, W, H)	124mm, 91mm, 112mm
Ingress protection	IP20, field enclosure required
Weight	890g (2.0 pounds)



Schematic drawing

