

Power Supplies

StoneL Model 459015

2.8 Amp AS-Interface Power Supply

This power supply is designed for use with AS-Interface systems where power and data share the same wires. It provides power to the AS-Interface bus for operation of masters, slaves, and 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

- NEC Class 2
- Current limited/short circuit protected
- Regulated to $\pm 3.4\%$
- Power decoupled from communication signal



Enclosure Option



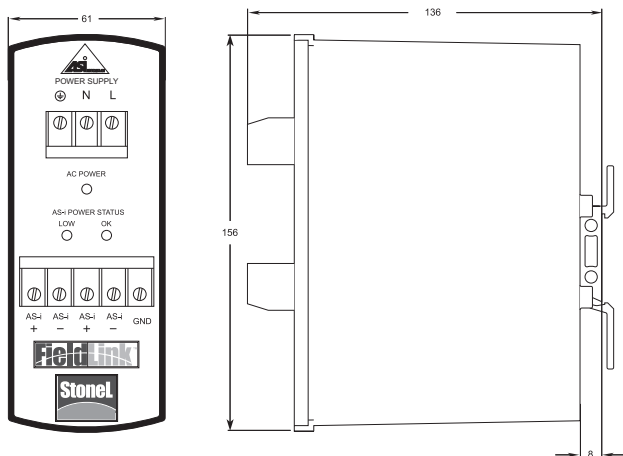
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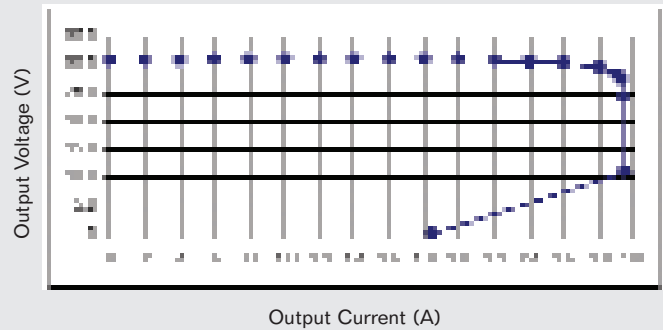
Specifications

Output Voltage	• 30.55 VDC $\pm 3.4\%$
Output Impedance	• Per AS-Interface specifications
Output Current	• 2.8 Amps
Input Voltage	• 105–240VAC (Universal Input)
Displays	• Power on, green LED • Output ok, green LED • Output low, red LED
Current Limits	• 2.8 Amp (min)
Operating Temp.	• -40° to $+60^{\circ}\text{C}$ (-40° to $+140^{\circ}\text{F}$)
Storage Temp.	• -40° to $+60^{\circ}\text{C}$ (-40° to $+140^{\circ}\text{F}$)
Housing	• Polycarbonate, DIN rail mounting
Dimensions	• 61mm, 156mm, 123mm (L, W, H)
Ingress Protection	• IP20, field enclosure required
Weight	• 635g (1.4 pounds)
Approvals	• FM and CSA approved • Class I, Division 2, Groups A,B,C,D • NEC Class 2 power supply

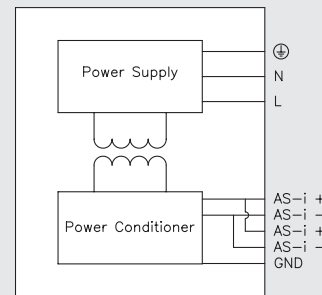
Dimensions (in mm)



Output Characteristic



Schematic Drawing



Wiring Diagram

