

Drop Connectors

StoneL Model 461080

Switched Protected Multi-drop Connector (4 Drops)

This Multi-drop Connector is compact with DIN rail mount for wiring PROFIBUS-PA networks. This device provides terminations for Bus In, Bus Out, and four (4) individual drops or spurs. Each drop has its own protection circuit that ensure that a short circuit on a drop will not affect the rest of the bus. This device also has a disconnect switch capable of cutting power and data to all four (4) spurs.

Features

- Fieldbus power status LED
- Short circuit protection
- LED indication of short circuits
- Disconnect switch
- DIN rail mounting
- IP20 housing



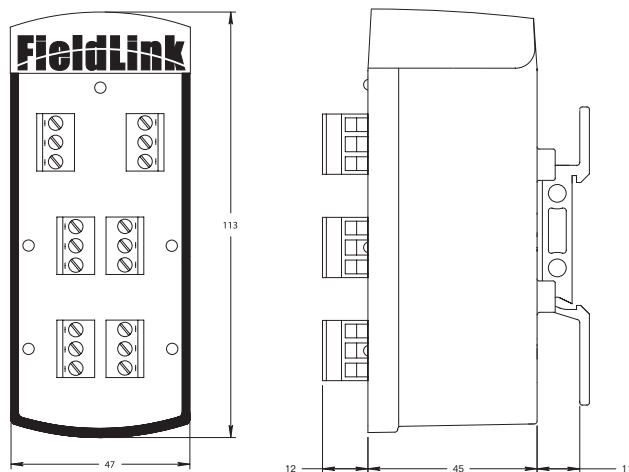
Enclosure Option



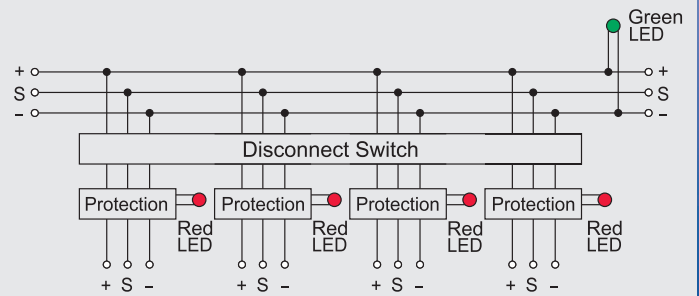
Specifications

Protocol	• PROFIBUS-PA
Max Spurs (Drops)	• 4
Type	• Switched protected drops
Max Current, Bus Trunk	• 8 Amp
Voltage Drop, Bus Trunk	• Negligible
Voltage Drop, Spur	• 1 VDC max
Trip Current	• 40 mA
Holding Current	• 28 mA
Reset Current	• 28 mA
Max Voltage	• 35 VDC
Current Consumption	• 2 mA
Displays	• Fieldbus Power Status, green LED • Drop Short Indication, (4) Red LED
Operating Temp.	• -40° to +85°C (-40° to 185°F)
Storage Temp.	• -40° to +85°C (-40° to 185°F)
Housing	• Engineered Resin, DIN-rail mounting
Housing Dimensions	• 113mm, 47mm, 68mm (L, W, H)
Ingress Protection	• IP20

Dimensions (in mm)



Schematic Drawing



LEDs light when fault is detected

Wiring Diagram

