

Drop Connectors

StoneL Model 461080

Switched Protected Multi-drop Connector (4 Drops)

This Foundation Fieldbus Multi-drop Connector is compact with DIN rail mount for wiring Foundation Fieldbus 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.

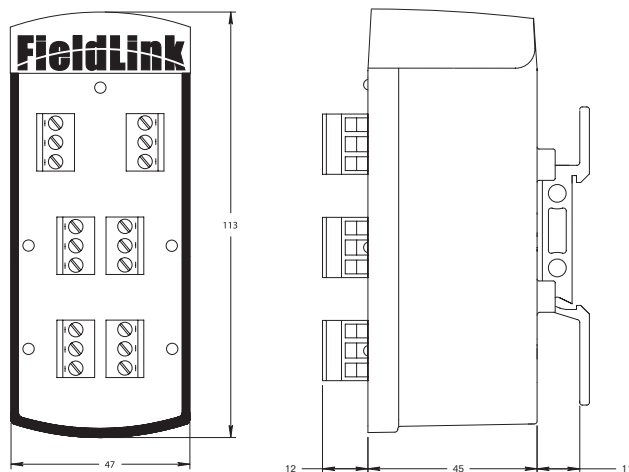
Features

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

Specifications

Protocol	• Foundation Fieldbus IEC 61158-2
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

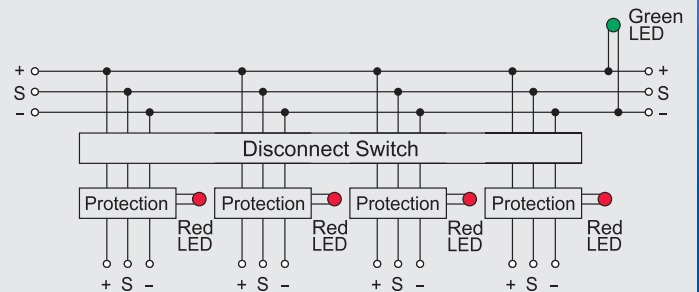
Dimensions (in mm)



Enclosure Option



Schematic Drawing



LEDs light when fault is detected

Wiring Diagram

