

Drop Connectors (DIN)

StoneL Model 465039, 465043, 465047

Multi-drop Connector (6 Drops)

Drop connectors provide a reliable, safe method of connecting slave devices to the bus cable. Protected drop connectors limit the current passing from the bus to the drop leg to prevent fault conditions on the drop from affecting the bus. DIN rail mounting is standard.

Passive

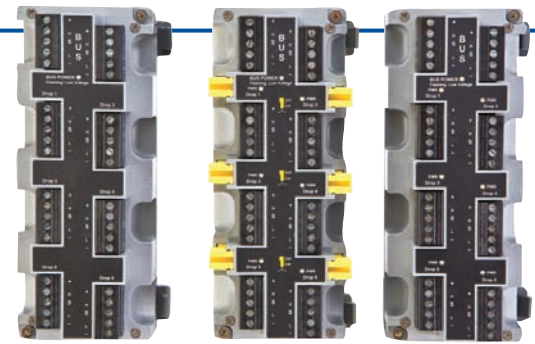
- 8 Amp capacity
- LED indicates bus power

Power Protected

- Short circuit protection
- LEDs indicate drop fault, bus power, & drop power
- Automatically resets when drop fault is cleared

Switched Power Protected

- Disconnects each drop
- Short circuit protection on the power leg
- LEDs indicate drop fault, bus power, & drop power status
- Automatically resets when drop fault is cleared



Passive

Switched

Power Protected

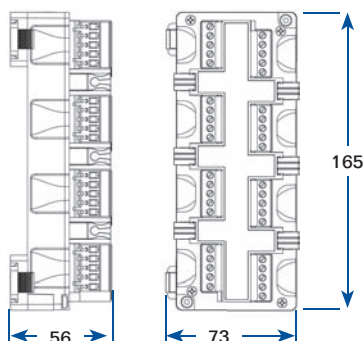


Specifications

Model Numbers	<ul style="list-style-type: none"> • Passive: 465039 • Protected: 465043 • Switched: 465047
Protocol	<ul style="list-style-type: none"> • PROFIBUS-DP • Modbus RS-485
LED Displays (Protected & Switched)	<ul style="list-style-type: none"> • Bus power on - Green LED • Drop power on - Green LED
Maximum Voltage	• 35 VDC
Max. Current, Bus Trunk line	• 8 Amp
Trip Current, Drop	<ul style="list-style-type: none"> • Passive: No trip current • Protected: 240mA (on V+)* • Switched: 240mA (on V+)*
Voltage Drop, Bus Leg	• Negligible
Voltage Drop, Drop Leg	<ul style="list-style-type: none"> • Passive: Negligible • Protected: <1 Volt • Switched: <1 Volt
Holding Current (After Trip)	<ul style="list-style-type: none"> • Passive: n/a • Power Protected: 28mA • Switched: 28mA
Reset Current Level	• Current falls below 28mA
Bus Current Consumption	• 10mA for all nodes
Dimensions (L, W, H)	• 165mm, 73mm, 56mm
Operating Temp.	• -40° to +85°C (-40° to +185°F)
Storage Temp.	• -40° to +85°C (-40° to +185°F)

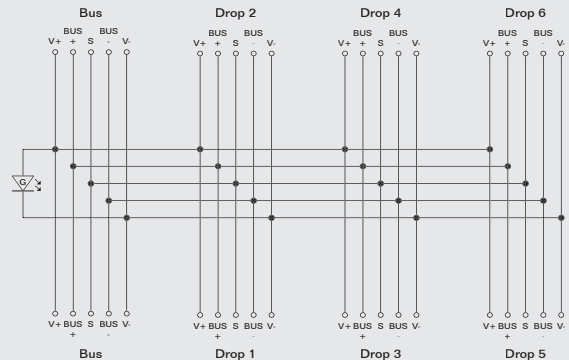
*Short circuit protection only on V+. Communication wires are passive.

Dimensions (mm)

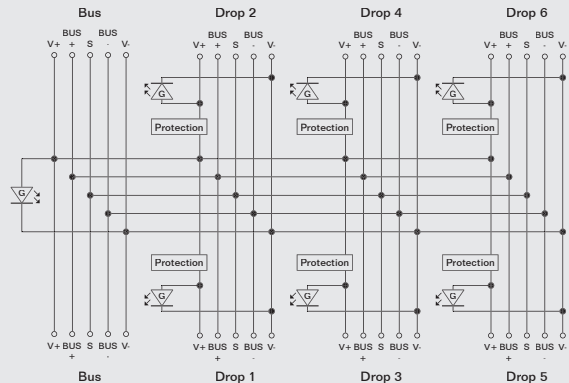


Schematic Drawings

Passive



Power Protected



Switched Power Protected

