

Drop Connectors (DIN)

StoneL Model 465038, 465042, 465046

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 power leg (V+) of the drop to prevent fault conditions on the drop from affecting the bus. DIN rail mounting is standard.

Passive

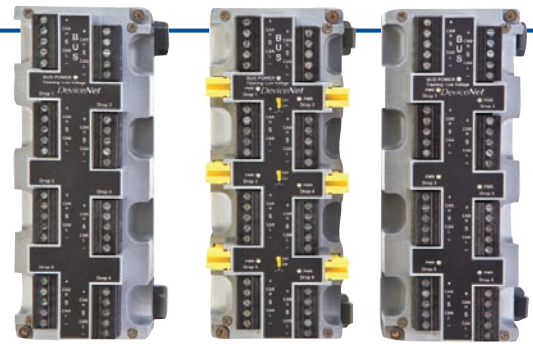
- 8 Amp capacity
- LED indicates bus power

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

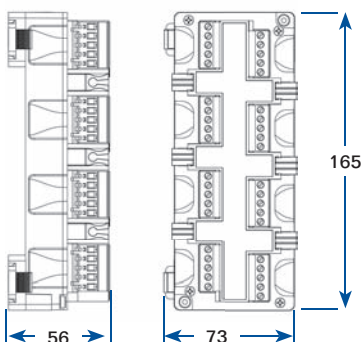


Specifications

Model Numbers	<ul style="list-style-type: none"> • Passive: 465038 • Protected: 465042 • Switched: 465046
Protocol	• DeviceNet
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)

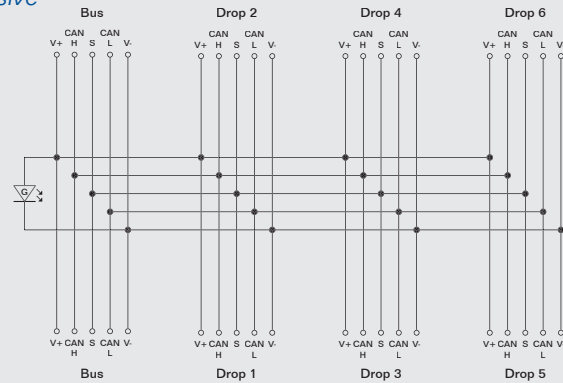
*Short circuit protection only on V+. Communication wires are passive.

Dimensions (mm)

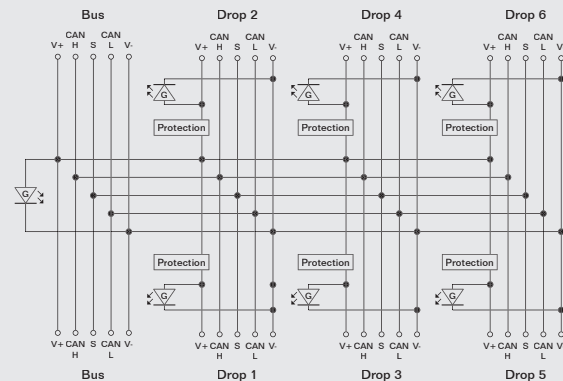


Schematic Drawings

Passive



Power Protected



Switched Power Protected

