

## Drop connectors

Model number

**DR461059A**

Passive

**DR465001A (DIN)**

Passive

**DR461017A**

Protected

**DR465005A (DIN)**

Protected



### Drop connector (passive or protected)

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.

#### Passive (2 drops)

- 8 amp capacity
- Direct mount or DIN rail mount available

#### Protected (1 drop)

- 8 amp capacity on bus trunk line
- Short circuit protection (240mA)
- LED indicates drop fault
- Automatically resets when drop fault is cleared



Passive

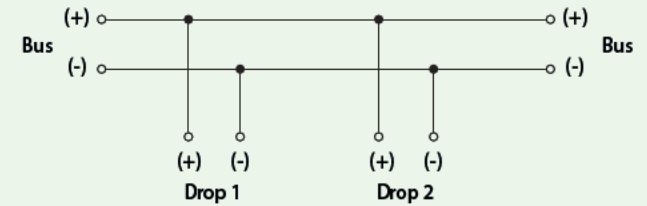


Protected

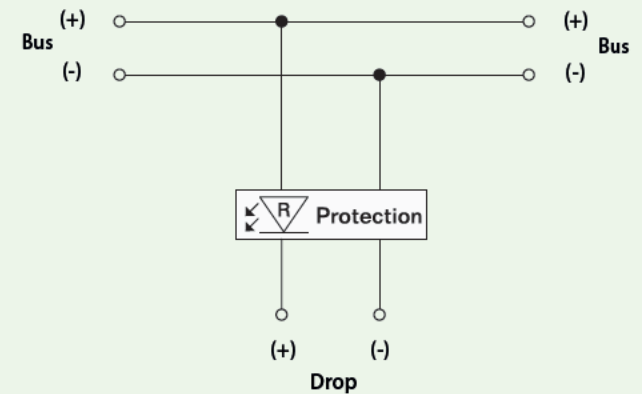
Specifications	
Maximum voltage	35 VDC
Maximum current (trunk)	8 amps
Voltage drop (trunk)	Negligible
Voltage drop (drop)	Passive: negligible Protected: < 1V
Trip current (drop)	Passive: no trip current Protected: 240 mA
Holding current (after trip)	Protected: 28 mA
Reset current level	Protected: current falls below 28 mA
Maximum devices per drop	Passive: no limit Protected: 1
Current consumption	None
Dimensions (L, W, H)	Passive: 75mm, 36mm, 40mm Protected: 75mm, 26mm, 40mm
Housing	Engineered resin
Operating temperature	-40° to +80°C (-40° to +176°F)

### Schematic drawings

Passive



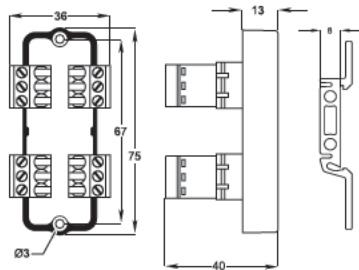
Protected



### Dimensions (mm)

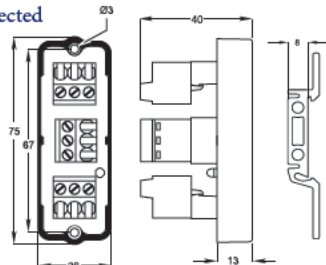


Passive



*DIN rail clip only applies to DIN models.*

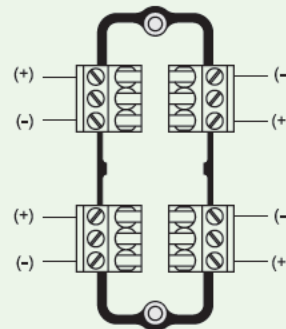
Protected



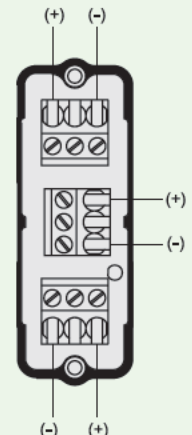
*DIN rail clip only applies to DIN models.*

### Wiring diagrams

Passive



Protected





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to our customers and are  
committed to moving our  
customers' performance  
forward – every day.

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