

Drop connectors

Model number

DR461110A

Passive

DR465003A (DIN)

Passive

DR461057A

Protected

DR465006A (DIN)

Protected

PROFIBUS

Multi-drop connector/device coupler

Drop connectors for Foundation Fieldbus/Profibus-PA networks 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)

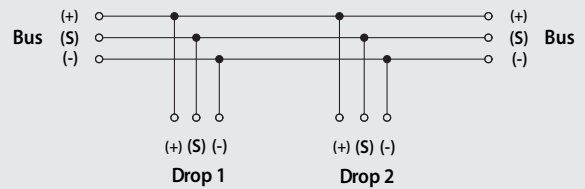
- 8 amp capacity on bus trunk line
- Limits currents on drop leg to protect against short circuits without affecting bus performance
- LED indicates drop fault
- Automatically resets when drop fault is cleared



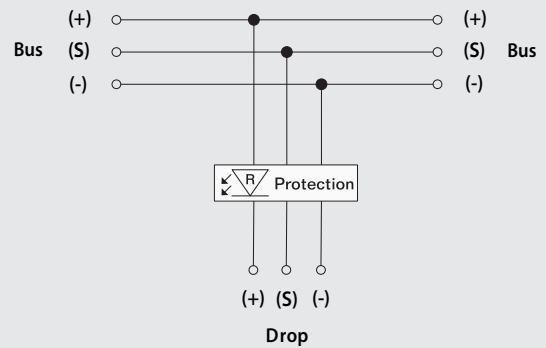
Specifications	
Protocol	Profibus-PA
Maximum voltage	35 VDC
Maximum current (trunk)	8 amps
Voltage drop (trunk)	Negligible
Voltage drop (drop)	Passive: negligible Protected: < 1V
Trip current (drop)	Passive: no trip current Protected: 40 mA
Holding current (after trip)	Protected: 28 mA
Reset current 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

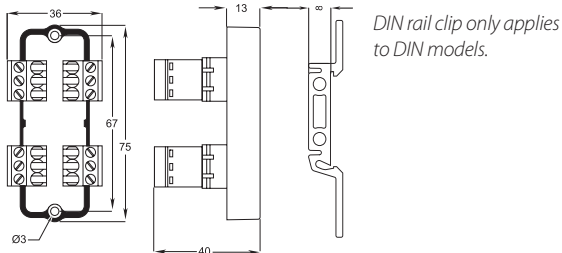


Protected

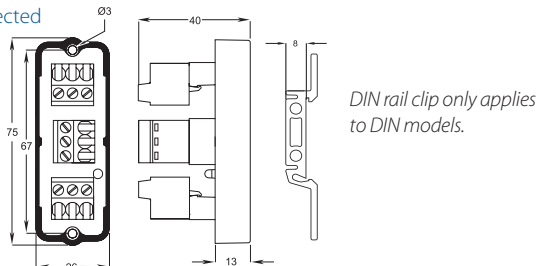


Dimensions (mm)

Passive

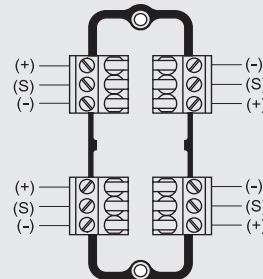


Protected



Wiring diagrams

Passive



Protected

