

## Drop connectors (DIN)

Model number

**DR465039A**  
Passive

**DR465043A**  
Protected



### Multi-drop connector (6 drops)

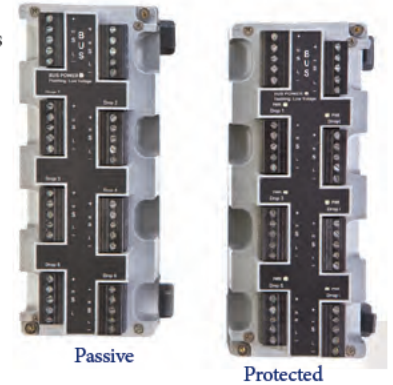
Drop connectors provide a reliable, safe method of connecting slave devices to the bus cable. Protected drop connectors limit the current passing from the bus to the drop leg to prevent fault conditions on the drop from affecting the bus. DIN rail mounting is standard.

#### Passive

- 8 amp capacity
- LED indicates bus power

#### Protected

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



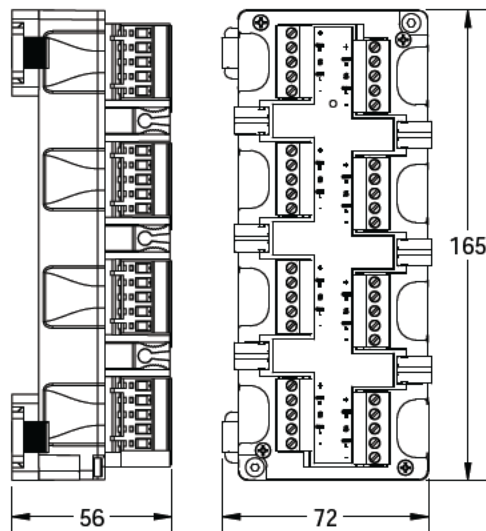
Passive

Protected

| Specifications               |   |
|------------------------------|---|
| LED displays                 | Bus power on - green LED<br>Drop power on - green LED (protected)<br>Drop short circuit - red LED (protected) |
| Maximum voltage              | 35 VDC  |
| Maximum current (trunk)      | 8 amp   |
| Voltage drop (trunk)         | Negligible  |
| Voltage drop (drop)          | Passive: negligible<br>Protected: 1 volt maximum  |
| Trip current (drop)          | Passive: no trip current<br>Protected: 240mA (on V+)*   |
| Holding current (after trip) | Passive: n/a<br>Protected: 28mA   |
| Reset current level          | Current falls below 28mA  |
| Current consumption          | 10mA for all nodes  |
| Dimensions (L, W, H)         | 165mm, 72mm, 56mm   |
| Housing                      | Engineered resin  |
| Operating temperature        | -40° to +80°C (-40° to +176°F)  |

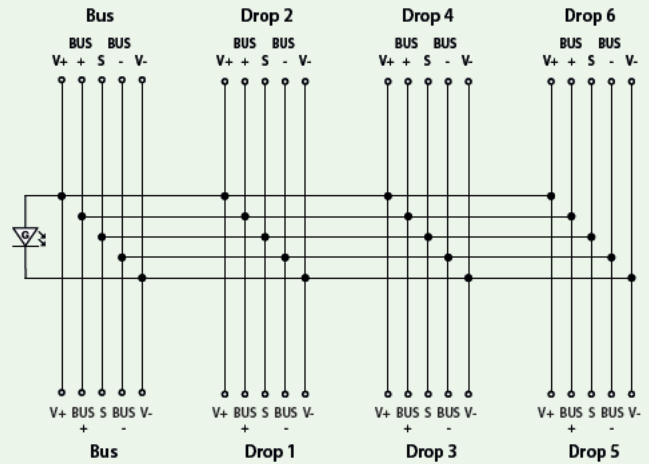
\*Short circuit protection only on V+. Communication wires are passive.

### Dimensions (mm)

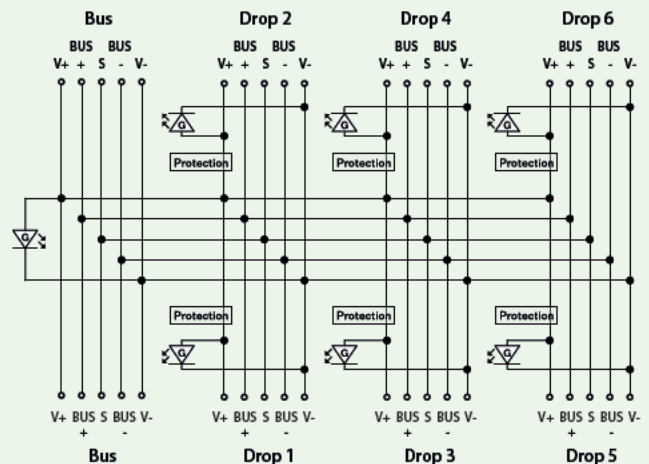


### Schematic drawings

#### Passive



#### Protected





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