

# ZIPLINK™ Fuse Modules

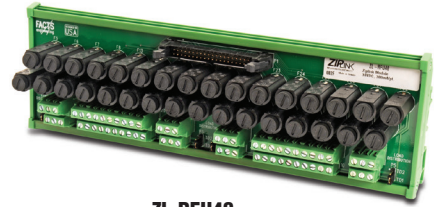
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Fuse modules provide fuse protection for PLC output devices. Use with Do-more, CLICK, DL05/06/205/305/405 PLCs.

Modules mount on 35mm DIN rail (part #DN-R35S1) or 15mm DIN rail (part #DN-R15S1).



ZL-RFU20



ZL-RFU40

Specifications								
Fuse Modules	Part #	Pcs/Pkg	Price/Pkg	Weight (lbs)	Part #	Pcs/Pkg	Price/Pkg	Weight (lbs)
	ZL-RFU20	1	\$90.50	0.79	ZL-RFU40	1	\$148.00	1.10
<b>Description</b> <sup>4</sup>	16-point fuse connector module				32-point fuse connector module			
<b>Operation Voltage</b>	0–250 VAC/0–75 VDC <sup>1</sup>				0–30 VDC			
<b>UL Rated Current</b>	1A per point				0.3 A per circuit <sup>2</sup>			
<b>Maximum Current per Circuit</b>	2A				0.4 A			
<b>Maximum Current per Module</b>	32A				20A			
<b>Number of Circuits</b>	16				32			
<b>Field to Logic Side Isolation</b>	1800VAC applied for 1 second							
<b>Insulation Resistance</b>	>10MΩ @ 500VDC							
<b>Surrounding Temperature Range</b>	32 to 140°F (0 to 60°C)							
<b>Terminal Block Contacts</b>	Copper alloy, tin-lead plated							
<b>Wire Range (Rated Cross Section)</b> <sup>3</sup>	12–24 AWG Solid or Stranded Copper Conductor (2.5 mm <sup>2</sup> )							
<b>Wire Strip Length</b>	0.24–0.27 in (6–7 mm)							
<b>Screw Torque</b>	4.4 in-lbs (0.5 N-m)							
<b>Fuses (Not Included)</b>	Sixteen 5x20 mm, 250V, 2 Amp fast blow				Thirty-two 5x20 mm, 250V, 0.4 Amp fast blow			
<b>Replacement Fuse</b>	See Edison 5x20 mm Glass Fuse Section range up to a Max. 2 Amp fuse				See Edison 5x20 mm Glass Fuse Section range up to a Max. 0.4 Amp fuse			
<b>Connector Type</b>	Molex Micro-Fit 3.0, 24 pin connector Example receptacle 43020–2400, Pins 43031 Series, Male				3M 34000 Series IDC Connector, strain relief is required to latch to header. Example: Socket 3417-7640, Strain relief 3448-3040			
<b>Connecting Cables (Sold Separately)</b>	See Wiring Selection Guides at the beginning of this section. See Connection Cable specifications tables at the end of this section.				See Wiring Selection Guides at the beginning of this section. See Connection Cable specifications tables at the end of this section.			
<b>Cable/Wire Clearance</b>	0.5 in (12.7 mm) Required							
<b>Mounting Restrictions</b>	None							
<b>Approvals</b>	File # E200031 UL, cUL, Class 1, Division 2, Groups A,B,C,D Hazardous Locations, CE, EN 61131-2:2007							

<sup>1</sup> UL rated 0–75 VDC applies when using a DC rated fuse (not supplied), example: Littelfuse 217 series.

<sup>2</sup> Use Class 2 power supply - This refers to the ZL-RFU40 only.

<sup>3</sup> Use conductors rated 60°/75°C

<sup>4</sup> Connecting cables are for internal wiring only.

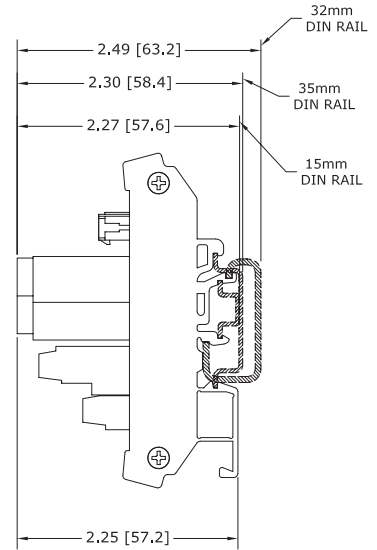
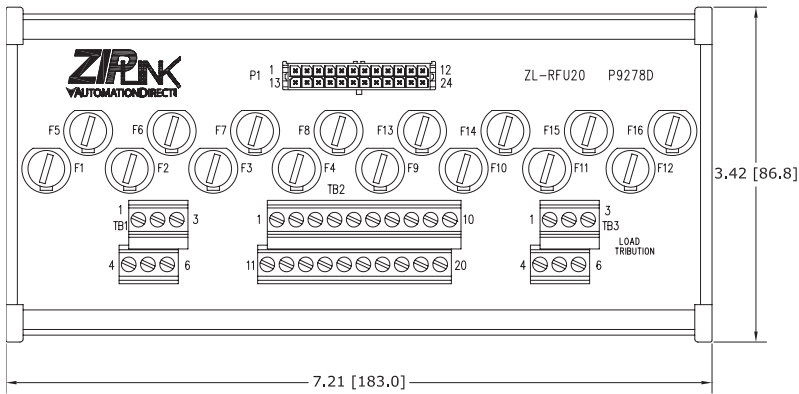


NOTE: SEE WIRING DETAILS AND DIMENSIONAL DRAWINGS ON OUR WEB SITE AT:  
<http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html>.

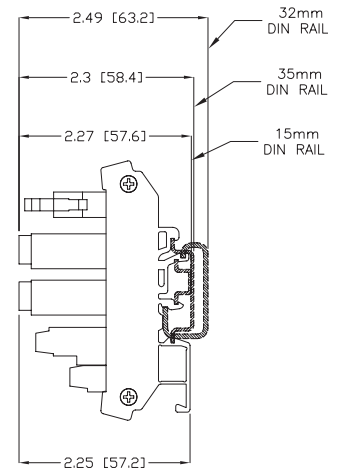
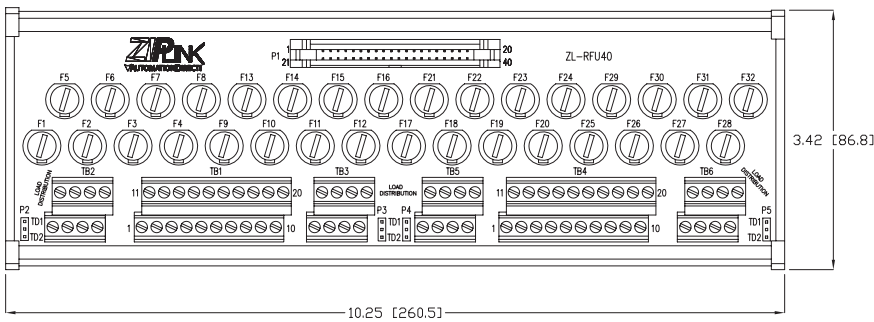


# Module Dimensions

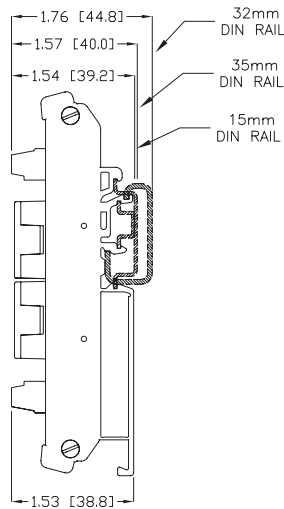
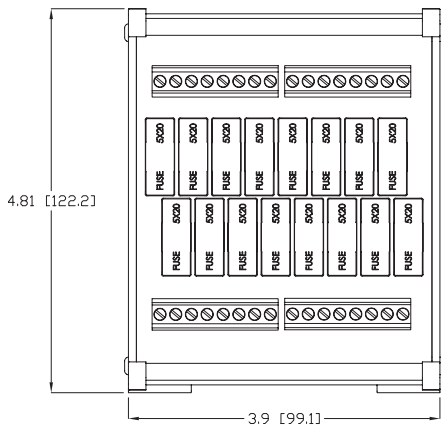
## ZL-RFU20



## ZL-RFU40



## ZL-FUSE-16



Note: Dimensions shown in Inches [mm]

0.098" [2.5 mm]  
0.114" [2.9 mm]

All terminal block insertion point opening dimensions are the same.