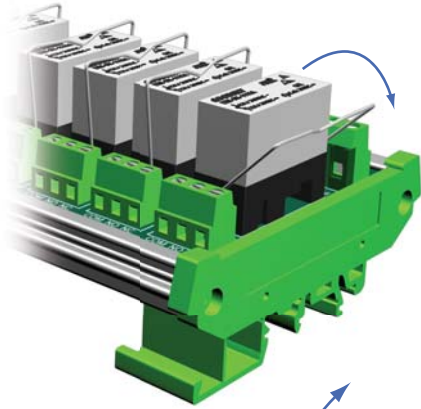


Jumper Settings		
I/O Module Series	J1	J2
DirectLOGIC	• ○ ○	○ ○ •
CLICK	○ ○ •	• ○ ○
Productivity 3000	○ ○ •	• ○ ○

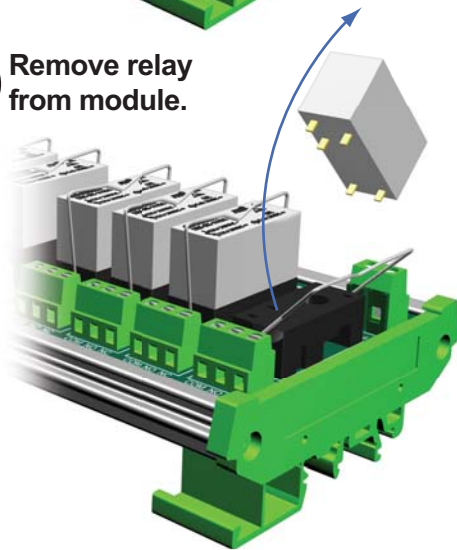
General Specifications		Contact Specifications	
Description	16 Output Relay module with LEDs, 24 VDC coil	Current Rating	10A @ 250VAC/30VDC
Mechanical Life	10,000,000 Operations at no load condition	Contact Type	1 Form C (SPDT)
Electrical Life	1000,000 Operations at rated resistive load	Contact Voltage (per point)	250VAC/30VDC
Operating Frequency	20 cycles per minute electrical 300 cycles per minute mechanical	Maximum Power Inductive	2500VA General Use
Isolation Coil to Contact	2500VAC for 1 minute	Maximum Power Resistive	AC 2500VA, DC 300W
Isolation NC Contact to NO Contact Same Relay	1000VAC for 1 minute	Maximum Switching Voltage	250VAC, 110VDC
Isolation Between Relays	1000VAC for 1 minute	Minimum Load	10mA @ 5VDC
LED Indicator State Relay	Red (on=relay on, off= relay off)	Contact Resistance	100mΩ Max @ 1A, 6VDC
Operating Temperature Range	32 to 140°F (0 to 60°C)	Contact Material	AgNi
Humidity Range	45 to 85% RH	Coil Specifications	
Vibration Resistance	10 to 55 Hz dual amplitude width 1.5mm	Input Voltage Rating	24VDC (±10%)
Shock Resistances	1000m/s ² endurance 100m/s ² operation	Maximum Continuous Coil Voltage	31.2VDC
Terminal Block Contacts	Copper alloy, tin-lead plated	Rated Current	16.7mA (±10%) @ 24 VDC
Wire Range	12-24AWG Solid or Stranded Conductor	Coil Resistance	1440Ω (±10%)
Wire Strip Length	0.24-0.27" (6-7mm)	Power Consumption per Relay	0.4W
Screw Torque	4.4 in-lbs (0.5 Nm)	Coil Supply Current Max.	293mA (Total 16 relays)
Dimensions (LxWxH)	11.8" x 3.38" x 2.20" (300mm x 86mm x 55.88mm)	Pick Up Current Max.	15mA
Replacement Relays	ZL-RELAY-24X4, 1 Form C (SPDT) Qty. 4/pkg	Drop-Out Voltage Min.	1.2VDC
Approvals	UL 508	Pick-Up Voltage Max.	19.2VDC
Clearance Requirements	4.00" (101.6mm) top and bottom	Off to On/On to Off Response Time	8ms/12ms

Remove or Install Relay

1 Rotate retaining clip away from relay.



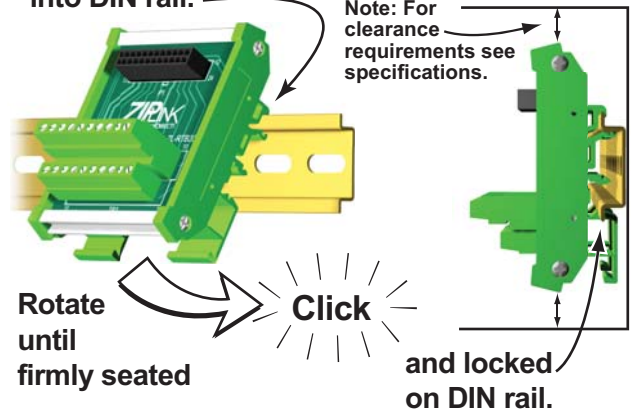
2 Remove relay from module.



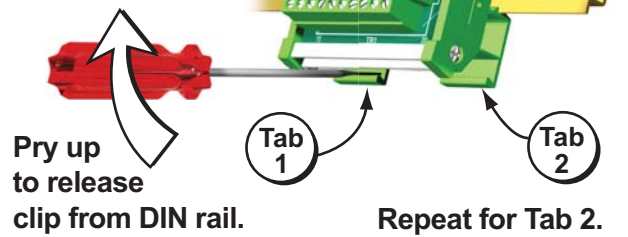
Reverse procedure to replace relay.

DIN Rail Installation and Removal

To install ZIPLink module, insert upper tab into DIN rail.



To remove ZIPLink module, insert screwdriver between Tab 1 and module.



WARNING: To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call us at 770-844-4200.

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ZIPLink Cable Removal

2 Pull connector from socket.

1 Push tab on raised tip and hold.

