F8 LOW-DENSITY LOGIC I/O MODULE

Four programmable I/O pairs with color programmable LED rings

FOUR I/O PAIRS FOR YOUR RELAY, METER, AND TRANSDUCER TEST CASES

The **Low-Density Logic I/O Module** supports relay test applications requiring up to four I/O pairs. The ports accept 4 mm banana plugs and the Port 4 pair can be used as DC inputs for transducer and Class 2 meter testing applications.

Color-programmable LED rings indicate port assignments during test setup, turn off as tests begin, then turn back on if an input is triggered. Use **Protection Suite** and **RTS** software to set monitoring parameters in the Low-Density Logic I/O Module and to assign colors to the LEDs.

The LD Logic I/O Module is compatible with the **F6071 Infrared Optical Sensor** (for meter testing), the **F6072 Visible Light Optical Sensor** (for meter testing), and the **F6073 Meter Disk Sensor** (for testing meters and transducers).

FEATURES

- 4 programmable I/O pairs.
- 4 mm plugs with color-programmable LED ring indicators.
- Pulse counting and DC inputs for testing transducers and Class 2 meters.
- Includes a set of test leads and accessories, and an accessory bag.

F8 modules take the guess work out of test connections and troubleshooting. The ports of these innovative modules feature programmable LED rings. The engineer or test technician can assign color combinations to the LED rings in Protection Suite and RTS software for visual indications when F8-series Power System Simulators are in use.

F8 LD Logic I/O Module Technical Data

Common Input/Output	Quantity	4
	Range	0 to 300 VAC / 424 VDC
	Maximum Voltage Input	±500 V Peak
	Maximum Current Input	8 A rms
	Input Impedance	720 kΩ
	Response Time	< 100 µs
	Max Make/Break Current	8 A
	Threshold Sense	0 - ±300 VAC / 0 - ±424 VDC (programmable pickup / dropout)
DC Metering	Input	Pair #4
	Range	0 - ±10 VDC / 0 - ±20 mA DC
	Accuracy - Voltage	< 0.05 % of range guaranteed
	Accuracy - Current	< 0.05 % of range guaranteed
Pulse Counters	# Inputs	2
	Max Counting Frequency	100 kHz
	Threshold Voltage	1 V
	Voltage Hysteresis	1 V
	Max Input Voltage	±40 V
	Isolation	SELV ±500 V peak
	Frequency	33 kHz
	Pulse Width	> 60 µs
Connection	Lighted Ports	4 mm banana Color-programmable LED
Dimensions		W: 4⁹⁄₁₆ inches (11.6 cm) H: 2³⁄₁₆ inches (5.6 cm) D: 7⁷⁄₈ inches (20 cm)
Weight		1.25 lbs. (0.57 kg)

Logic I/O Module Accessory Bag

Logic I/O Module Accessories