

# F8 LOW-DENSITY LOGIC I/O MODULE

Four I/O pairs with color programmable LED rings

F8 modules take the guess work out of test connections and troubleshooting. A unique feature of these innovative modules is the programmable LED rings on the analog ports. 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.



**The Low-Density Logic I/O Module** provides four pairs of programmable input/output ports featuring LED rings that indicate port assignments. The LEDs turn off during testing and turn back on if an input is triggered. This module also provides functions for testing transducers and Class 2 meters.

Use Protection Suite and RTS software to set monitoring parameters in the Low-Density Logic I/O Module, to assign colors to the LEDs, and to control transducer/meter tests.



## F8000 Logic I/O Module Technical Data

Common Input/Output	# Outputs	4 Max. Combination Input/Output
	Range	0 to 300 VAC / 424 VDC
	Maximum Voltage Input	±500 V Peak
	Input Impedance	720 kΩ
	Response Time	< 100 μs
	Max Make/Break Current	8 A
	Threshold Level	0 - ±300 VAC / 0 - ±424 VDC (Programmable)
DC Metering (requires F8800)	Range	0 - ±10 VDC / 0 - ±20 mADC
	Accuracy - Voltage	< 0.05 % of range guaranteed
	Accuracy - Current	< 0.05 % of range guaranteed
Counters	# Inputs	2
	Max Counting Frequency	100 kHz
	Threshold Voltage	1 V
	Voltage Hysteresis	1 V
	Max Input Voltage	±40 V
	Isolation	SELV
	Frequency	33 kHz
	Pulse Width	> 60 μs
Connection	4 mm Banana, lighted (LED)	
Dimensions	W: 4 <sup>1</sup> / <sub>16</sub> inches (11.6 cm) H: 2 <sup>3</sup> / <sub>16</sub> inches (5.6 cm) D: 7 <sup>7</sup> / <sub>8</sub> inches (20 cm)	
Weight	1.25 lbs. (0.57 kg)	



Logic I/O Module Accessory Bag



Logic I/O Module Accessories



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