

F8000 LOW-DENSITY LOGIC I/O MODULE

Four programmable pairs with intelligent LED light rings

F8000 modules take the guess work out of test connections and troubleshooting. A unique feature of F8000 modules is the programmable analog ports with innovative LED light rings. The engineer or test technician can assign color combinations to the LED light rings in Protection Suite and RTS software for visual recognition of sources and logic applied to F8000-series Power System Simulators.



The **Low-Density Logic I/O Module** provides four pairs of programmable input/output ports with LED light rings that indicate port assignments and changes in monitored voltage, current and contact states.

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 optional **F8000 DC Metering and Transducer** upgrade enables testing of transducers and Class 2 meters.



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
	Accuracy - Voltage	< 0.05 % of reading guaranteed
	Accuracy - Current	< 0.05 % of reading 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 ¹ / ₁₆ inches (11.6 cm) H: 2 ³ / ₁₆ inches (5.6 cm) D: 7 ⁷ / ₈ 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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