DOBLE PROTECTION TESTING

F8000 LOW-DENSITY LOGIC I/O MODULE

Four programmable I/O pairs with LED indicators

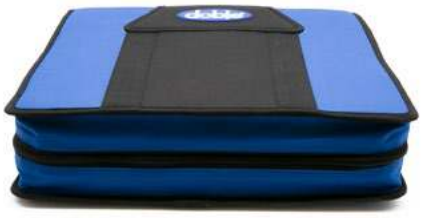
F8000 modules take the guess work out of test connections and troubleshooting. A unique feature of F8000 modules is the programmable analog ports with innovative LED rings. The engineer or test technician can assign color combinations to the LED rings in Protection Suite and RTS software for visual recognition 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 featuring LED 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 **F8800 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. Combintation 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 Hesteresis	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 9/16 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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