

DATA SHEET

IMPERA™ SR-8

SWITCHING RELAY



The Impera™ SR-8 is an eight-relay comprehensive switching control for complex AV applications. Control is via dedicated inputs, one for each relay, accepting control signals from an Impera controller. The SR-8 is designed to facilitate seamless integrated control of projectors, audio and video sources, and audio mixing along with relay switching functions. Separate high-voltage relay connections are provided, as well as test buttons for manual activation of relays, with LEDs for indication of relay state (open or pulled). All functions are easily programmable using Project Designer software, making the SR-8 a valuable solution for demanding applications.

FEATURES

- Eight relays assignable to high or low voltage applications
- Eight GPIO ports
- Test buttons with LED status enable testing of relay functions during installation
- LAN to RS-232 breakout which adds two additional RS-232 ports
- Supports daisy chaining for running up to 64 relays from one RS-232 port
- Covered by Biamp Systems' 5-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The switching relay shall include 8 high voltage (230V) relays. Each relay shall support high or low voltage applications. The switching relay shall include 8 test buttons, one for each relay. The switching relay shall include 8 GPIO. The switching relay shall be operated by control signals received from a separate controller. The switching relay shall be CE marked and compliant with the RoHS directive. Warranty shall be five years. The switching relay shall be the Impera™ SR-8.

IMPERA SR-8 SPECIFICATIONS

Relays		Network Connection:	RJ-45 (CAT5e or better)
Max Voltage:	230 VAC	Power:	110-240 VAC, 47-63 Hz
Max Load (AC-1):	1150 W	Overall Dimensions	
Max Load (AC-15):	500 W	Height:	1.7 inches (44 mm)
Single-Phase Motor Rating:	370 W	Width:	19.0 inches (483 mm)
Fuses		Depth:	5.6 inches (141 mm)
Relay:	5 A / 230 VAC	Weight:	4.4 lbs (2.0 kg)
Power Supply:	0.5 A / 230 VAC	Environmental	
RS-232 / IR		Ambient Operating Temperature Range:	32 - 104° F (0 - 40° C)
Baud Rate:	9600	Humidity:	10-90% relative humidity (non-condensing)
Data Bits:	8	Altitude:	0-6,600 ft (0-2000 m) MSL
Parity:	None	Compliance	
Stop Bits:	1	CE Marked (Europe)	

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