

Project Name _____

Catalog No. _____ Date _____



RR1SPDTC

The enclosed 10 Amp SPDT Relays from Functional Devices, Inc. provide an isolated N.O. / N.C. contact that can be used to integrate low voltage sensors to other building automation systems. The coil contained in these relays can be powered by more than one voltage. An externally visible LED indicates the status of the coil of the relay.

Compliance and Certification



Ordering Information

MODEL

RR1SPDTC120 Enclosed Relay 10 Amp SPDT with 10-30 VAC/DC/120 VAC Coil

RR1SPDTC277 Enclosed Relay 10 Amp SPDT with 10-30 VAC/DC/208-277 VAC Coil

General Specifications

# Relays & Contact Type	One (1) SPDT Continuous Duty Coil
Expected Relay Life	10 million cycles minimum mechanical
Gold Flash	Yes
Contact Ratings	10 Amp resistive @ 120-277 VAC 10 Amp resistive @ 28 VDC 480 VA Pilot Duty @ 240-277 VAC 480 VA Ballast @ 277 VAC 600 Watt Tungsten @ 120 VAC N/O 240 Watt Tungsten @ 120 VAC N.C. 1/3 HP for N/O @ 120-240 VAC 1/6 HP for N/O @ 120-240 VAC 1/4 HP for N/O @ 277 VAC 1/8 HP for N/C @ 277 VAC
Coil Current	30 mA @ 10 VAC 12 mA @ 10 VDC 32 mA @ 12 VAC 14 mA @ 12 VDC 42 mA @ 24 VAC 16 mA @ 24 VDC 50 mA @ 30 VAC 18 mA @ 30 VDC 25 mA @ 120 VAC
Coil Voltage Input	RR1SPDTC120: 10-30 VAC/DC, 120 VAC; 50-60Hz RR1SPDTC277: 10-30 VAC/DC, 208-277 VAC; 50-60Hz
Operating environment	-30° to 140°F
Housing Rating	Plenum, NEMA 1
Wires	16', 600V Rated
Certifications	UL and cUL Listed, UL916, UL864
Warranty	Five-year limited