

263/268 Series



263



268



263/268 Series 15 Amp General Purpose Relay With .187" QC Terminals

General purpose relay that controls electrical loads

Features

- Class F Coil Insulation System for 155° C Total Temperature
- Inexpensive Plug-in design
- Molded in Rynite® PET for Environmental Protection
- Coil terminals molded in coil
- Wide variety of mounting options

Typical Applications

- Industrial machine control
- Forklifts
- Energy management
- HVAC

Models

- 263: Open frame relay with standard mount
- 268: Plastic covered plug-in relay
- 268F: Flanged cover relay for easy mounting
- Other suffixes available: TM-Top mount cover, SL-Stud and locating tab

Contact Data			
Configuration	Thru 3PDT		
Materials	All versions 7/32" diameter Moveable and stationary silver cadmium oxide		
Contact Ratings			
Model	Pole Configuration	UL Ratings*	
263/268	Thru 3PDT	1/2 Hp or 15 Amp at 120 VAC 1 Hp or 15 amp at 277 VAC* 15 Amp at 28 VDC	
Expected Life	Electrical at Rated Load (Min) 100,000 Operations Mechanical Life 10,000,000 Operations		
Dielectric Strength	1200 VRMS, 60 Hz Between Contacts 2200 VRMS, 60 Hz Between Other Elements		
Agency Approvals	UL Recognized File No. E37066 USA and Canada Recognition		

(*) 3 Pole devices rated at 6 2/3 amp when switching greater than 150 VAC, unless polarity is the same on all poles

All dimensions in Inches

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263/268 Series

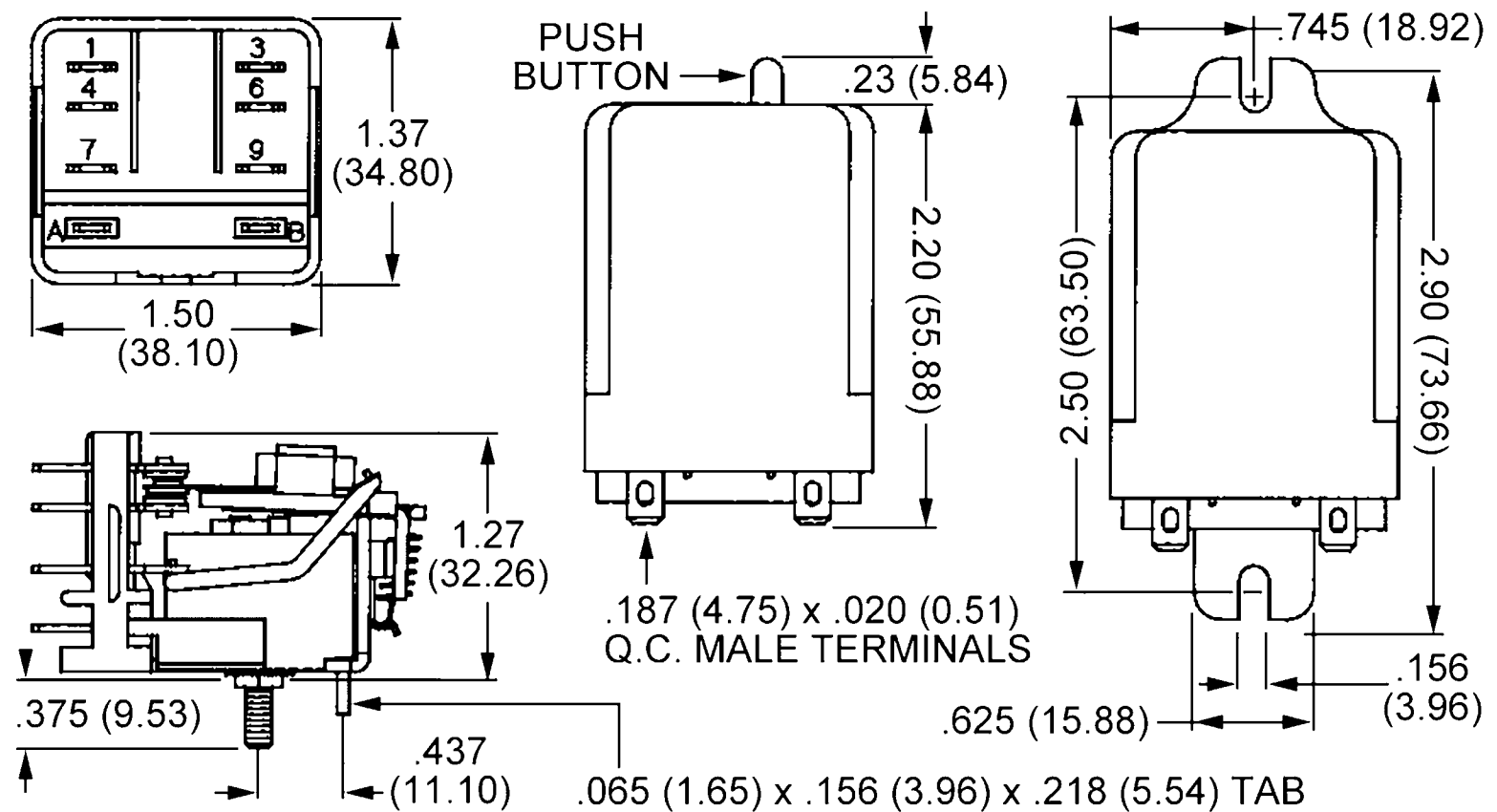


Coil Data			
	Nominal Voltage	Resistance In Ohms ± 10%	Nominal Coil Power
AC Coils	6 VAC	4.5	2.2 VA
	12 VAC	18	
	24 VAC	72	
	48 VAC	285	
	120 VAC	1850	
	240 VAC	7200	
DC Coils	6 VDC	24	1.5 W
	12 VDC	96	
	24 VDC	375	
	48 VDC	1500	
	110 VDC	8000	
Coil Voltages	AC: Up to 277 Volts/60 Hz DC: Up to 125 Volts		
Coil Treatment	Molded Rynite® PET Std. Class F		
Insulation Resistance	100 Megohms Minimum		
UL Insulation System File No.	E74443 S155D 155°C Total Temperature Std. (Covers S105 Class A and S130D Class B Requirements)		
Operate Data			
Pick Up (at 25°C)	AC Volts 85% or Less of Nominal DC Volts 75% or Less of Nominal		
Operate Time	Approx. 15 Milliseconds		
Release Time	Approx. 15 Milliseconds		
Environmental Data			
Operating Ambient	AC: -45° to 65°C DC: -45° to 80°C		
Coil Temperature Rise	(25°C Ambient - Continuous Duty) AC: 45°C Approx. @ 60Hz - Use at 50 Hz will cause slight increase in Coil Rise DC: 35°C Approx.		
Mechanical Data			
Terminals	.187" x .020" Quick Connect/Solder		
Cover	Clear Polycarbonate - Flammability Rating 94V2		
Weight	All Versions Approx. 3.0 oz. (85 g)		

263/268 Series

Dimensional View

Units: Inches [mm]



Note: The 263/267 Series Relay is a 15 Amp version of the 262/267 Series Relay except with .187" Quick Connect Terminals.

263/268 Series

Ordering Information

AC Coils				
Model	Pole Config.	24 VAC	120 VAC	240 VAC
268	SPDT	20683-82	20683-84	20683-85
	DPDT	20684-82*	20684-84*	20684-85
	3PDT	20876-82	20876-84	20876-85
DC Coils				
Model	Pole Config.	12 VDC	24 VDC	110 VDC
268	SPDT	20685-81	20685-82	20685-84
	DPDT	20686-81	20686-82*	20686-84
	3PDT	20897-81	20897-82	20897-84

(*) Normally Stocked

Non stocked items require a minimum order