



# 263/268

## SERIES RELAY 15 AMP GENERAL PURPOSE W/.187 QC TERMINALS

### FEATURES

- Coil Molded in DuPont Rynite®, Provides Class F Insulation, Protection From Environment
- Inexpensive Plug-In Design
- Coil Terminals Molded Into Coil, Eliminates External Solder Joints and Locks in Terminals

### CONTACT DATA

#### CONFIGURATION:

Thru 3PDT

#### MATERIALS:

All Versions 7/32" Diameter  
Moveable and Stationary Silver Cadmium Oxide

### CONTACT RATINGS

MODEL	POLE CONFIG.	UL RATINGS*
263/268	thru 3PDT	15 amp or 1/2 HP at 120VAC 1 HP at 277VAC 15 amp at 277VAC 15 amp at 28VDC

\* 3 Pole Devices Rated at 6-2/3 Amp When Switching Greater Than 150VAC, Unless Polarity is the Same on all Poles

**UL RECOGNIZED FILE NO.:** E37066

**CSA CERTIFIED FILE NO.:** LR20690

### EXPECTED LIFE

#### Electrical At Rated Load (Minimum)

100,000 Operations Except as Noted

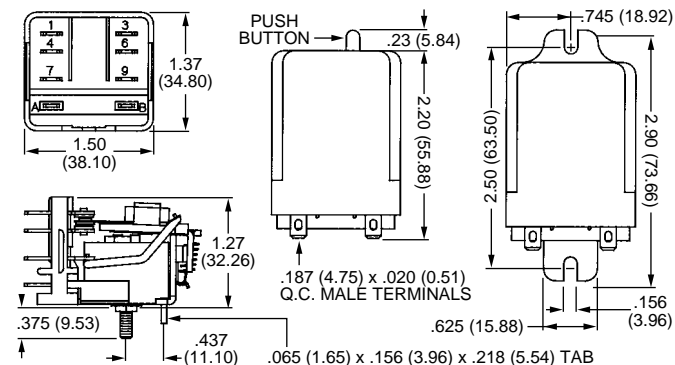
#### Mechanical Life

10,000,000 Operations

### DIELECTRIC STRENGTH

800 VRMS, 60 Hz Between Contacts  
2200 VRMS, 60 Hz Between Other Elements

### DIMENSIONS [Unit Inch (mm)]



Note: The 263/268 Series Relay is a 15 Amp Version of the 262/267 Series Relay Except With .187" Quick Connect Terminals. The User May Utilize the 260 Series Dimensions on Page 15 for Further Detail.

### MODELS

- 263:** Open Frame Relay with Standard Mount
- 268:** Plastic Covered Plug-In Relay
- 268F:** Flanged Cover Relay for Easy Mounting
- 268B:** Plastic Covered Relay with Test Button



### COIL DATA

	NOMINAL VOLTAGE	RESISTANCE IN OHMS ± 10%	NOMINAL COIL POWER
AC Coils	6VAC	4.5	2.2VA
	12VAC	18	
	24VAC	72	
	48VAC	285	
	240VAC	7200	
DC Coils	6VDC	24	1.5W
	12VDC	96	
	24VDC	375	
	48VDC	1500	
	110VDC	8000	

**Coil Voltages:** AC: Up to 277 Volts/60 Hz DC: Up to 125 Volts

**Coil Treatment:** Molded Rynite® 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° Approx. @ 60 Hz – Use at 50 Hz

will Cause Slight Increase in Coil Rise

DC: 35° Approx.

### MECHANICAL DATA

**Terminals:** .187" x .020" Quick Connect/Solder

**Cover:** Clear Polycarbonate - Flammability Rating 94V2

**Weight:** Approx. 3 oz. (85 g)

### ORDERING INFORMATION

AC Coils				
MODEL	POLE CONFIG.	24VAC	120VAC	240VAC
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.	12VDC	24VDC	110VDC
268	SPDT	20685-81	20685-82	20684-84
	DPDT	20686-81	20686-82*	20684-84
	3PDT	20897-81	20897-82	20897-84

\*Black Items are Normally Stocked.

Blue Items are Non Stock. Minimum Quantity May Be Required.