

DELTROL

controls



DIVISION OF DELTROL CORP.



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

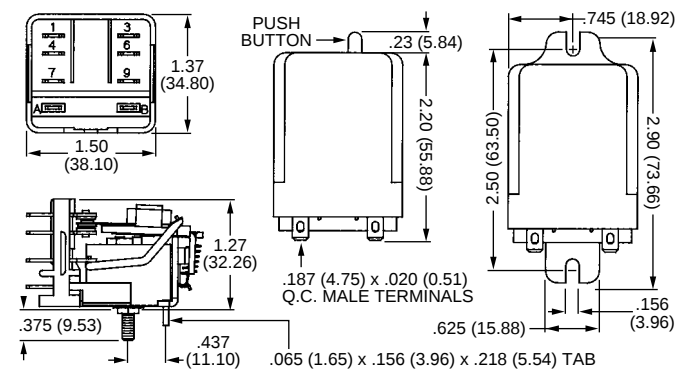
Mechanical Life

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	
	120VAC	1850	
DC Coils	240VAC	7200	1.5W
	6VDC	24	
	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.