

# **TYPE 258**



#### **FEATURES**:

- Contact rating up to 15A@240V resistive load.
- UL/CSA/TUV approved.
- AC & DC coils available.
- PCB terminal and socket type.



CONTACT RATING					
Resistive Load	UL	CSA	TUV		
	15A/28VDC	15A/28VDC	15A/250VAC, 15A/30VDC		
Motor	1/2HP, 120VAC	1/2 HP, 120VAC	6.2A/120VAC, Cos ø 0.5		
Gen. use	15A/240VAC	10A/240VAC, 15A/120VAC			

COIL DATA (DC)						
Rated Voltage ( VDC)	Rated Current ±10% at 25°C (mA)	Coil Resistance ±10% at 25°C (W)	Max. Continuous Voltage at 25°C	Pickup Voltage (Max) at 25°C	Dropout Voltage (Min) at 25°C	Power Consumption at Rated Voltage
6 12 24 48 110	150 75 37 19 10	40 160 650 2600 11000	110% of rated voltage	75% of rated voltage	10% of rated voltage	Approx. 0.9 W

COIL DATA (AC)					
Rated Voltage (VAC)	Coil Resistance ±10% at 25°C (w)	Max. Continuous Voltage at 25°C	Pickup Voltage (Max) at 25°C	Dropout Voltage (Min) at 25°C	Power Consumption at Rated Voltage
12 24 120 240	40 160 3400 13600	110% of rated voltage	85% of rated voltage	30% of rated voltage	approx. 1.2 VA

	PART NUMBERING SYSTEM					
Relay Type	Enclosure & Terminals	Contact Form	Coil Voltage	Contact Material & Ratings	Standard or Special	
258	1–Dust Cover/Solder Lug 2–Dust Cover PCB 6–Flanged Cover/Solder Lug	1–SPDT 4–SPST, NO 5–SPST, NC 2–DPDT 6–DPST, NO (For Enclosures 1&6)	A-6VDC B-12VDC C-24VDC D-48VDC F-110VDC P-12VAC Q-24VAC T-120VAC U-240VAC	2–Standard, Ag Cd0	00-Standard C0-Standard LC-Lamp & Push Button L0-Lamp Across Coil (For Enclosure 1 only & for DPDT only) A1-Z9-Special	

Example: 258-11A200

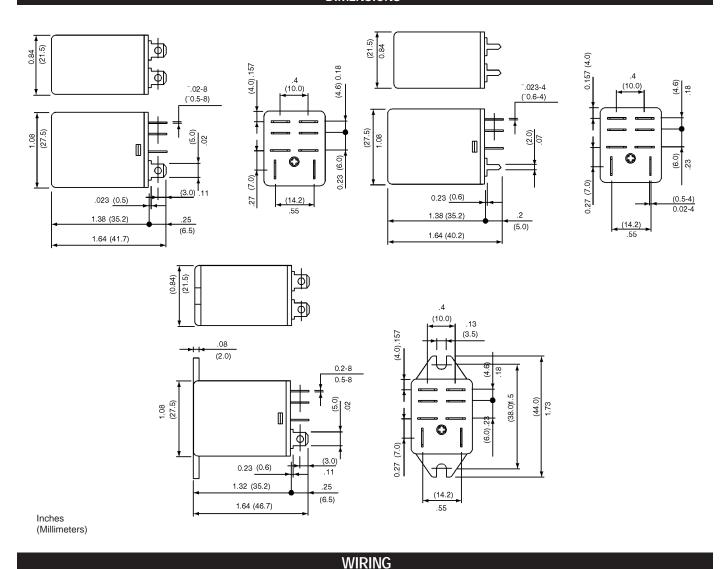
Stock Item: 258-12B200, 258-12C200, 258-12T200, 258-12Q200, 258-22B200, 258-22C200, 258-22T200, 258-22Q200, 258-62B200, 258-62C200, 258-62T200, 258-62Q200.



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	SPECIFICATIONS	
Contact resistance	30 m Max. (initial value)	
Operate time	25 mS Max.	
Release time	25 mS Max.	
Insulation resistance	100 M Min. (DC 500V)	
Dielectric strength @25°C	Between open contact: AC 500 V 50/60 Hz 1 minute.	
	Between contact and coil: AC 1500 V 50/60 Hz 1 minute.	
	Between live parts & ground: AC 1500 V 50/60 Hz 1 minute.	
Vibration resistance	Damage limits & Operating extremes: 10~55 Hz, amplitude 1.0 mm	
Shock resistance	Damage limits: 100g, Operating extremes: 20g	
Life expectancy for mechanical	10,000,000 operations (frequency 18,000 operations/hr)	
Life expectancy for electrical	100,000 operations (frequency 1,800 operations/hr)	
Operating temperature	-25~+55°C (no freezing)	
Weight	Approx. 32g	

### **DIMENSIONS**

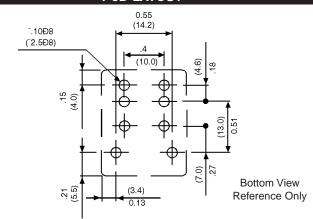


## **-∕17** 8 M W SPST, NO SPDT SPST, NC Reference Only

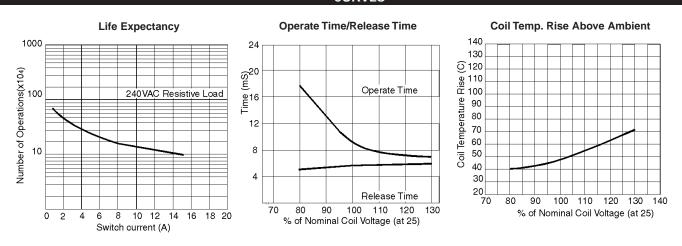
Inches

(Millimeters)

### **PCB LAYOUT**



### **CURVES**



SAFETY APPROVAL			
CERTIFIED	FILE NO.		
UL	E38802		
CSA	LR700557		
TUV	9452081		