查询20037供应商



DELTROL

捷多邦,专业PCB打样工厂, 24小时加急出货

CONTROLS DIVISION OF DELTROL CORP.

SERIES MAGNETIC LATCHING RELAY 105M PLUG-IN OCTAL BASE

105 ML

FEATURES

- Snap-action, One Piece Armature Eliminates Interconnections
- Molded Class F Coils Handle High Ambient Temperatures, Resist Moisture and Dust
- High Impact Polycarbonate Dust Cover

CONTACT DATA

Configuration:

Thru 5PDT

Materials:

5 AMP:

1/8" Diameter Moveable Fine Silver 3/16" Diameter Stationary Fine Silver

10 AMP:

3/16" Diameter Moveable Silver Cadmium Oxide 3/16" Diameter Stationary Fine Silver

Gold Flash is Standard on All Contacts

Gold Diffused Available on Special Order - Min. Qty. Req'd.

CONTACT RATINGS

MOVEABLE CONTACT SIZE	POLE CONFIGURATION	RATINGS	
1/8" Diameter	SPDT DPDT 3PDT 4PDT 5PDT	5 amp or 1/8 HP at 120VAC 5 amp or 1/4 HP at 240VAC 5 amp at 28VDC	
3/16" Diameter	SPDT DPDT 3PDT 4PDT 5PDT	10 amp or 1/3 HP at 120VAC 10 amp or 1/2 HP at 240VAC 10 amp at 28VDC	

EXPECTED LIFE

Electrical At Rated Load (Minimum)

100,000 Cycles

Mechanical Life

10,000,000 Cycles

DIELECTRIC STRENGTH

800 VRMS, 60 Hz Between Contacts 1500 VRMS, 60 Hz Between Other Elements

MODEL

105ML: General Purpose Relay Terminates to Standard Pin Type Octal Receptacles, Deltrol Type 105 Sockets for SPDT and DPDT, Conxall Type 77-20 Sockets for 3PDT, 4PDT and 5PDT

COIL DATA

	NOMINAL VOLTAGE	RESISTANCE IN OHMS ± 10%	NOMINAL COIL POWER	
AC Coils	6VAC	4.5		
	12VAC 24VAC	18 72	3.5VA	
	120VAC	1850	J.5VA	
	240VAC	7200		
DC Coils	6VDC	20		
	12VDC	80	2W	
	24VDC	315		
	110VDC	6800		

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. 20 Milliseconds Release Time: Approx. 20 Milliseconds

ENVIRONMENTAL DATA

Operating Ambient: AC: -45° to 70°C

DC: -45° to 85°C

Coil Temperature Rise: (25°C Ambient – Continuous Duty)

AC: 45°C Approx. @ 60 Hz - Use at 50 Hz will Cause Slight Increase in Coil Rise

DC: 45°C Approx.

MECHANICAL DATA

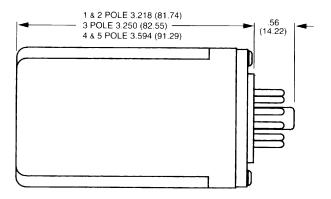
Terminals: Octal Type with 8, 11, 20 pins

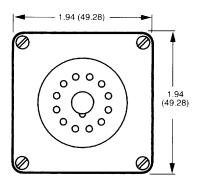
Cover: Polycarbonate - Flammability Rating 94V2

Weight: Approx. 8.6 oz. (244 g)

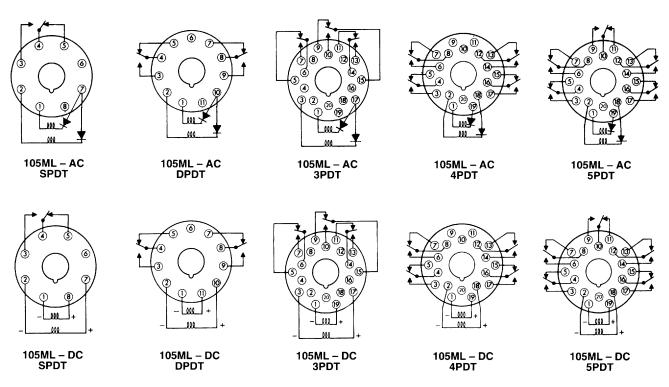


DIMENSIONS [Unit Inch (mm)]





105ML WIRING DIAGRAMS



(Shown With Pin 1 Energized)

ORDERING INFORMATION

10 AMP Part Numbers

AC Coils			DC Coils			
Pole Configuration	24VAC	120VAC	240VAC	12VDC	24VDC	110VDC
SPDT	20034-82	20034-83*	20034-84	20037-81	20037-82*	20037-84
DPDT	20035-82	20035-83*	20035-84	20038-81	20038-82*	20038-84
3PDT	20036-82	20036-83	20036-84	20039-81	20039-82	20039-84
4PDT	20263-82	20263-83	20263-84	20261-81	20261-82	20261-83
5PDT	20267-82	20267-83	20267-84	20265-81	20265-82	20265-83

^{*}Black Items Are Normally Stocked.