

— FEATURES — — BENEFITS —

11 PIN OCTAL BASE:

**EASILY INSTALLED IN EXISTING OR
READILY AVAILABLE SOCKETS**

16 AMP CONTACT RATING:

**ACCOMMODATES MOST
CONTROL CIRCUIT LOADS**

**PERMANENT MAGNET
LATCHING MECHANISM:**

**STAYS IN LAST SET POSITION INDEFINITELY
WITH NO EXTERNAL POWER REQUIRED**

GENERAL SPECIFICATIONS (@ 25°C)

		UNITS	
COIL			
Pull-in Voltage AC (50/60 Hz):≤	% of nominal		85
Pull-in Voltage DC:≤	% of nominal		80
Dropout Voltage AC (50/60 Hz):≥	% of nominal		Not applicable
Dropout Voltage DC:≥	% of nominal		Not applicable
Maximum Voltage:	% of nominal		500
Resistance Tolerance:	% ±		10
Coil Power AC (50/60 Hz):	VA		2
Coil Power DC:	W		1.64
Insulation System Per UL Standard 1446:			Class B (130°C)
Duty:			Single coil Continuous Dual coil intermittent
CONTACTS			
Contact Material:			Silver alloy, gold flashed
Contact Rating AC Amperes (AC1):	A		16
Contact Rating AC Voltage:	V		240
Contact Rating DC Amperes (DC1):	A		16
Contact Rating DC Voltage:	V		28
Horse Power (AC):	HP		1/3 @ 120 V
Horse Power (AC):	HP		1/2 @ 240 V
Pilot Duty (60 Hz):			Not applicable
Minimum Recommended Load:	ma		100 @ 5 VDC or 0.5 W
TIMING			
Operate Time:	ms		30
Release Time:	ms		30
DIELECTRIC STRENGTH			
Coil to Contacts:	V rms		2500
Across Open Contacts:	V rms		1500
Pole to Pole:	V rms		2500
Contacts to Frame:	megohms		Not applicable
Insulation Resistance:	minimum @VDC		1000 @ 500
TEMPERATURE			
Operating, AC Lower:	°C		-30
Operating, AC Upper:	°C		+70
Operating, DC Lower:	°C		-30
Operating, DC Upper:	°C		+75
Storage, Lower:	°C		-30
Storage, Upper:	°C		+105
LIFE EXPECTANCY			
Electrical @ Rated Load (AC1):	operations		100,000
Mechanical @ no Load :	operations		10,000,000
MISCELLANEOUS			
Operating Position:			Any
Insulation Material:			Molded plastic
Enclosure Material:			Clear Polycarbonate
Cover Protection Category:	IP		40
Weight:	grams		170

**MAGNETIC LATCHING RELAY WITH 11 PIN
OCTAL BASE. OPERATES BY PULSED
INPUT. PERMANENT MAGNET MAINTAINS
LAST POSITION.**



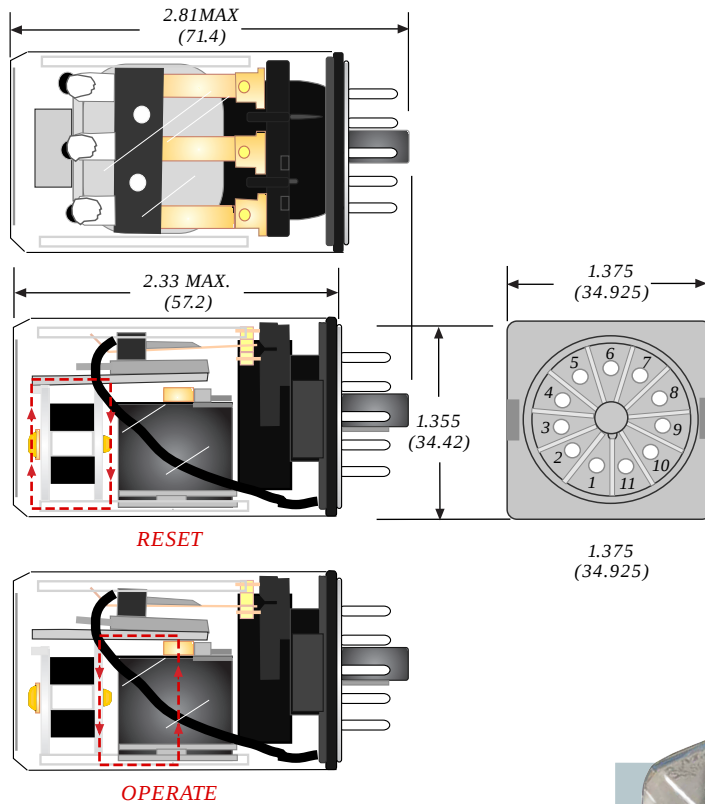
755/250ML OCTAL BASE MAGNETIC LATCHING RELAY



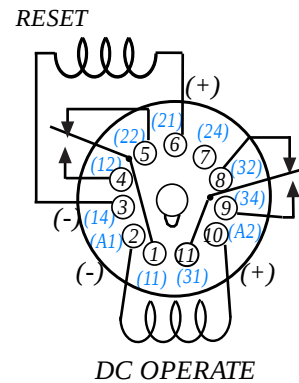
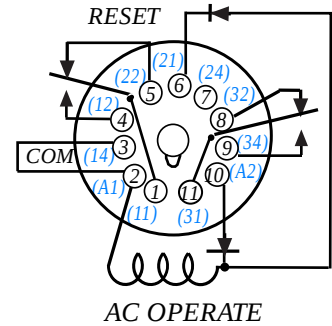
DPDT, 16 AMPS

WIRING DIAGRAM
(VIEWED FROM PIN END)

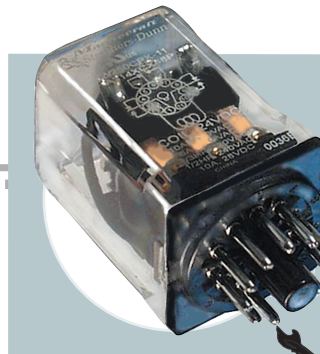
OUTLINE DIMENSIONS
DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



8 PIN OCTAL BASE
NOT SHOWN



ALTERNATE NEMA
OR IEC () NUMBERS
VIEWED FROM
PIN SIDE



ORDERING CODE

CLASS: **755**

CONTACT CONFIGURATION: **XBXC**

OPTIONS: **C**

PLAIN COVER: **120A**

DUAL COIL: **NO CODE**

SINGLE COIL: **NO CODE**

COIL VOLTAGE: **120A**

6, 12, 24, 120, 220/230, 240 ADD "A" FOR AC COILS
6, 12, 24, 48, 110 ADD "D" FOR DC COILS

Mating Sockets
70-750D8-1, 70-750D11-1,
70-464-1, 70-465-1: SCREW/DIN
70-169-1, 70-170-1: SCREW/PANEL
See section 7

STANDARD PART NUMBERS		COIL MEASURED @ 25 °C		
NEW PART NUMBER	SUPERCEDES	NOMINAL INPUT VOLTAGE	OPERATE VOLTAGE MIN.	NOMINAL RESISTANCE (OHMS)
AC OPERATED SINGLE COIL, 16 AMP				
755XBXC-24A	W250AML2CPX-8	24 VAC	19.2 VAC	740 Ω
755XBXC-120A	W250AML2CPX-9	120 VAC	96 VAC	10,000 Ω
755XBXC-240A	W250AML2CPX-10	240 VAC	192 VAC	36,00 Ω
DC OPERATED DUAL COIL, 16 AMP				
755XBXCD-12D	W250ML2CPX-6	12 VDC	8.4 VDC	88/88 Ω
755XBXCD-24D	W250ML2CPX-7	24 VDC	16.7 VDC	350/350 Ω
755XBXCD-110D	W250ML2CPX-8	110 VDC	77 VDC	9000/9000 Ω

RETROFITS IDEC RR2KP-U, SEE END OF SECTION 5 FOR CROSS REFERENCE