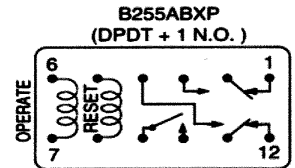
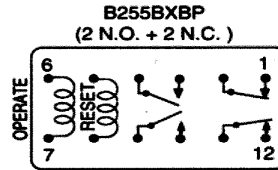
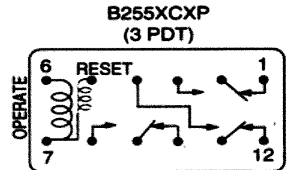
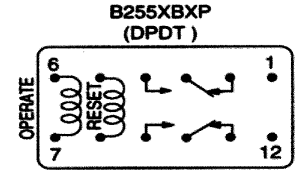
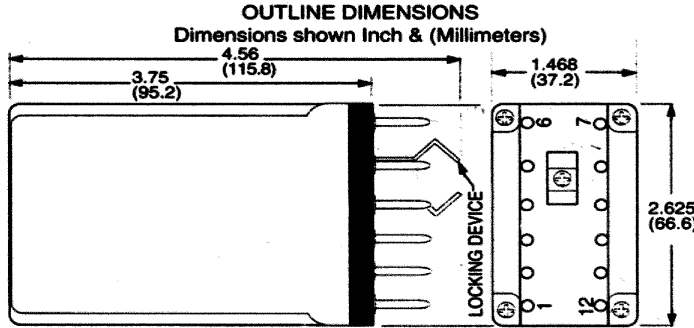
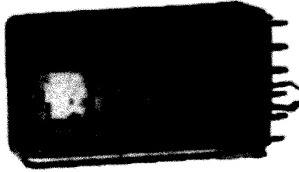


300 VOLT LATCHING PLUG-IN RELAYS

SERIES B255

THE SERIES B255 IS A TWO COIL LATCHING VERSION OF THE GENERAL PURPOSE TYPE 219 RELAY. WHEN THE OPERATE COIL IS MOMENTARILY ENERGIZED, THE RELAY MECHANICALLY LATCHES IN THE ENERGIZED POSITION AND REMAIN IN THE ENERGIZED POSITION EVEN IF POWER IS INTERRUPTED. THE SECOND COIL PROVIDES ELECTRICAL RESET. ALL CONTACTS OPERATE FROM A COMMON ARMATURE TO PREVENT CONTACT OVERLAPPING. COILS ARE RATED FOR CONTINUOUS DUTY.



MODELS AVAILABLE B255

TYPE	CONTACTS
B255ABXP	DPDT + 1 NO
B255XBXP	DPDT
B255XCXP	3PDT
B255BXP	2 NO + 2 NC



COIL GENERAL SPECIFICATIONS	
Pull-in, min. AC	85% of Nominal Voltage
Pull-in min. DC	80% of Nominal Voltage
Overtoltage, max.	110% of nominal, voltage
CONTACTS	
Contact Material:	Silver Cadmium Oxide, & Gold diffused (Standard)
TIMING	
Operate Time: (operate coil)	25 mS Max. @ Nominal Voltage.
Release Time: (Reset coil energized)	20 mS Max. @ Nominal Voltage.
DIELECTRIC STRENGTH	
All Mutually Insulated Points:	1500 V rms
Insulation:	1/4" over surface, 1/8" thru Air
TEMPERATURE	
Rated Operation:	-10°C to +60°C
LIFE EXPECTANCY	
Mechanical:	10 Million Operations no load
Electrical:	100,000 Operations @ Rated Load.
	500,000 Operations 1/2 Rated Load.
MISCELLANEOUS	
Enclosure:	Clear polycarbonate.

VOLTS	MAKE	CARRY	BREAK	
			RESISTIVE	INDUCTIVE †
24 VDC	30A	10A	10A	10A
120 VAC	30A	10A	10A	3A
240 VAC	30A	10A	5A	1A
28 VDC	30A	10A	10A	3A
125 VDC	30A	10A	0.5A	0.1A
125 VDC * SM	30A	10A	1.5A	0.5A
125 VDC * SM	30A	10A	4A	1.5A
125 VDC * SM	30A	10A	0.5A	150 mA
125 VDC * SM	30A	10A	1.5A	0.5A

*Relays with Code 69 feature (Check with factory for UL & CSA Listing).
† inductive load is defined as other relay coils.

OPTIONS

- 130°C Coil
- Coil Suppression
- Light & Actuator
- Fine Silver-Gold Diffused Bifurcated Contacts

SUFFIX

- U
- V
- LM
- 33

COIL SPECIFICATIONS @ 25°C

AC RELAYS 50/60 HZ (COIL DATA @ 60HZ Voltage)

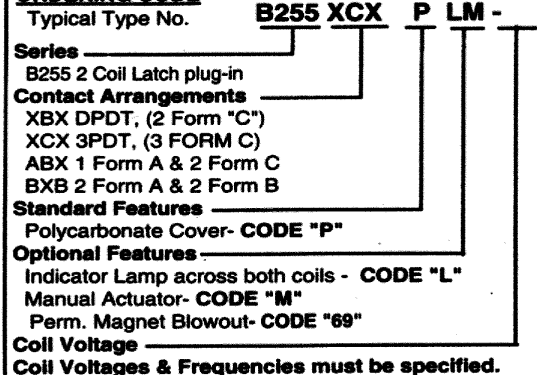
Nominal Voltage	RESET COIL (3VA)		OPERATE COIL (5VA)	
	Resistance Ohms ±10%	Coil Power (mA)	Resistance Ohms ±10%	Coil Power (mA)
6	3.0	840	1.10	800
12	14.5	256	4.20	410
24	52.0	150	15.5	200
120	1450	26.5	540	45.0
240	5000	4.8	1815	13.2

All AC coils are 50/60Hz current inrush on all AC coils is less than twice the listed milliamperes rating. 60Hz currents shown

DC RELAYS

Nominal Voltage	RESET COIL (1.4W)		OPERATE COIL (1.8W)	
	Resistance Ohms ±10%	Coil Power (mA)	Resistance Ohms ±10%	Coil Power (mA)
6	21.0	286	15.5	385
12	85.0	141	63.5	189
24	300	80	250	96.0
115/125	8000	14.4	6200	20.0

ORDERING CODE



Note: For time delay on energizing reset coil, specify 256 series in lieu of B255

DC RELAYS. 1.8 WATTS (2.5 W @ 125VDC)