

## FEATURES

## BENEFITS

**UL** US  
UL Recognized  
File No. E70550

**METAL OXIDE VARISTOR CIRCUIT:**

METAL OXIDE VARISTORS PROTECTS BY SHUNTING POTENTIALLY DAMAGING ELECTRICAL SPIKES AWAY FROM THE RELAY COIL. IDEAL FOR AC AND DC APPLICATIONS.

**R / C CIRCUIT:**

SNUBS BACK EMF OF RELAY COIL

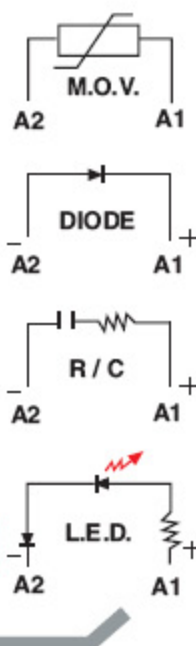
**DIODE CIRCUIT:**

PROTECTS EXTERNAL DRIVE CIRCUITRY FROM INDUCTIVE VOLTAGES GENERATED WHEN REMOVING COIL VOLTAGE. IDEAL FOR DC APPLICATIONS. POLARITY SENSITIVE.

**LED CIRCUIT:**

LED STATUS LAMP VERIFIES POWER IS BEING SUPPLIED TO THE COIL. IDEAL FOR BOTH AC AND DC APPLICATIONS. POLARITY SENSITIVE FOR DC APPLICATION.

## WIRING DIAGRAM (VIEWED FROM PIN END)



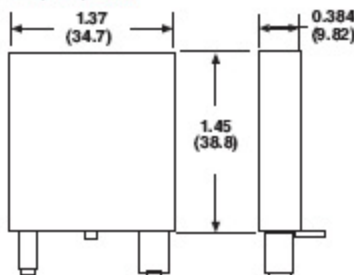
MANUFACTURED  
UNDER  
ISO 9001

PLUGGING MODULE INTO THE SOCKET, CONNECTS THE CIRCUIT IN PARALLEL WITH THE RELAY COIL. NO ADDITIONAL WIRING REQUIRED. MODULES FIT WITHIN MAXIMUM DIMENSIONS OF RELAY AND SOCKET.

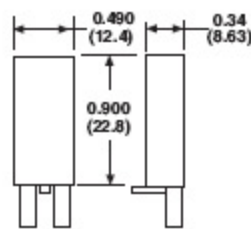
### OUTLINE DIMENSIONS

DIMENSIONS SHOWN (INCHES & MILLIMETERS).  
TOLERANCES: ±0.010 (±0.25) UNLESS OTHERWISE SHOWN

#### PACKAGE "A"



#### PACKAGE "B"



STANDARD PART NUMBERS	FUNCTION	NOMINAL INPUT VOLTAGE	PACKAGE STYLE	MATING SOCKETS
70-ASMM-24	MOV suppressor	24 VAC / VDC	A	70-783D-1
70-ASMM-120	MOV suppressor	120 VAC / VDC	A	70-784D-1
70-ASMM-240	MOV suppressor	240 VAC / VDC	A	70-750D8-1
70-ASMR-24	R / C suppressor	6 - 24 VAC / VDC	A	70-750D11-1
70-ASMR-240	R / C suppressor	110-240 VAC / VDC	A	70-750E8-1
70-ASMD-250	Protection diode	6 - 250 VDC	A	70-750E11-1
70-ASMLG-24	LED, green	24 VAC / VDC	A	70-750EL/SL8-1
70-ASMLG-120 / 240	LED, green	120/240 VAC / VDC	A	70-750EL/SL11-1
70-BSMM-24	MOV suppressor	24 VAC / VDC	B	70-782D-1
70-BSMM-120	MOV suppressor	120 VAC / VDC	B	
70-BSMM-240	MOV suppressor	240 VAC / VDC	B	
70-BSMD-250	Protection diode	6-250 VDC	B	
70-BSMLG-24	LED, green	24 VAC / VDC	B	
70-BSMLG-120 / 240	LED, green	120/240 VAC / VDC	B	

## ORDERING CODE

70 - A SM M -24

MODULE FAMILY:

PACKAGE STYLE "A" OR "B":

SOCKET MODULE:

FUNCTION:

M = M.O.V (METAL OXIDE VARISTOR)  
R = RESISTOR / CAPACITOR  
D = DIODE  
LG = L.E.D., GREEN

INPUT VOLTAGE:

24, 120, 240, 250