

## Series 17 – FM SPST Isolated Contacts

## Series 27 – UL SPDT Contacts

## Series 37 – CSA Listed

- Cannot Ignite Flammable Materials
- Solid State Reliability
- Up to 470K Ohm/cm Sensitivity (Series 17)
- Internal Surge Suppression
- SPST Contacts (Series 17)
- SPDT Contacts (Series 27/37)
- Can Be Used for Single Level or Differential Service

Series 17 is FM Approved for use in Class I or II, Division 1, Groups A-G hazardous atmospheres. SPST isolated contacts. Field adjustable sensitivity by use of external resistors.

Series 27 is UL approved for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III hazardous locations. SPDT output contacts.

Series 37 is CSA certified for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III hazardous locations. SPDT output contacts.

### Specifications

Contact Design	
<b>Series 17</b>	1 N.O. & 1 N.C. Isolated Contacts
<b>Series 27 and 37</b>	1 N.O. & 1 N.C. (1 form C)
Contact Rating (24/120/240VAC)	
<b>Series 17</b>	8 amp Resistive
Mode of Operation	
<b>Series 17</b>	Direct/Inverse, factory set
Sensitivity	
<b>Series 17</b>	0-470K ohm, field adjustable
<b>Series 27 and 37</b>	0-100K ohm, factory set
Primary Voltage	
<b>Series 17</b>	24 VAC, 120 VAC, 240 VAC (+10%/-15%) 50/60 Hz
<b>Series 27</b>	120 VAC, 240 VAC (+10%/-15%) 50/60Hz
<b>Series 37</b>	120 VAC (+10%/-15%) 50/60 Hz
Secondary Voltage	
<b>Series 17</b>	13 VAC, 4 mA
<b>Series 27 and 37</b>	11 VAC, 2.3 mA
Temperature	
-40°F to 150°F	
Approvals	
<b>Series 17</b>	FM File # 1G9A1.AX
<b>Series 27</b>	U.L. 913 File # ES7112
<b>Series 37</b>	CSA Listed
Connections	
All screw type connections	

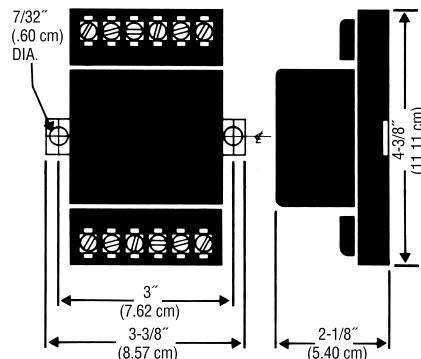


Series 17

### Applications

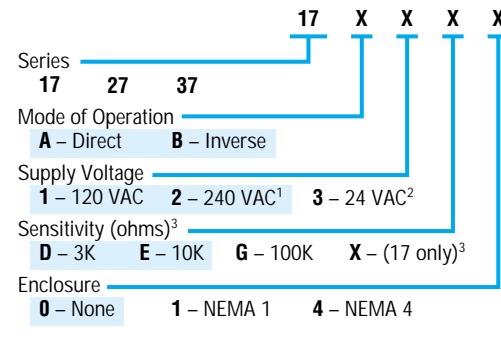
- Hazardous Atmospheres
- Alarms
- Pumps
- Sewage
- Waste Treatment
- CP Industry

### Dimensions



### How to Order

Use the **Bold** characters from the chart below to construct a product code.



— Standard part numbers

#### Notes:

1. 240V standard in Series 17. Non-standard, but available in Series 27. Unavailable in Series 37.
2. 24V available only in Series 17.
3. Series 27/37 only. Series 17 includes a full set of resistors (3.3K, 4.7K, 10K, 47K, 100K, 220K, 470K ohms) to allow modification of sensitivity in the field. Product code symbol in this position for Series 17 is "X."