

## 2804T series surface mount contacts

explosion-proof conduit contacts with terminals

The 2804T series magnetic contacts are designed for high-security hazardous environments. The rugged die-cast aluminum housing with conduit fittings meets UL requirements for hazardous locations. The contacts are balanced and triple-biased switches that make defeat by external magnets virtually impossible.

The terminals are located inside the housing, providing additional protection from tampering or accidental shorting.

A wider gap model protects against false alarms due to loose-fitting doors and permits faster installation.



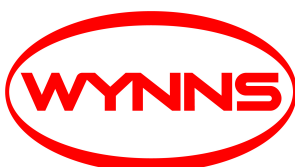
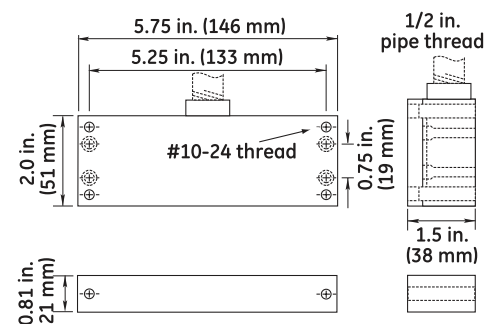
### Specifications

|                           |   |
|---------------------------|---|
| Voltage:                  | 2845T: 100 VAC/VDC max.<br>2844TW/2847T/2847TH: 30 VAC/VDC max.                           |
| Current:                  | 2845T: 0.5 A max.<br>2844TW/2847T/2847TH: 0.25 A max.                                     |
| Power:                    | 2845T: 7.5 W max.<br>2844TW/2847T/2847TH: 3.0 W max.                                      |
| Loop type:                | 2845T: Closed<br>2844TW/2847T/2847TH: Open or Closed                                      |
| Electrical configuration: | 2845T: Normally open<br>2844TW/2847T/2847TH: SPDT   |
| Gap distance:             | 2845T/2847T: 3/16 to 5/8 in.<br>2847TH: 1/4 to 1 in.<br>2844TW: Up to 2-1/2 in.           |
| Lead type:                | #6 screw terminal   |
| Dimensions:               | 5.75 x 2.0 x 0.813 in. (146 x 51 x 21 mm)   |
| Housing:                  | Die-cast aluminum   |
| Color:                    | Anodized  |
| Regulatory:               | UL, CUL (hazardous location classes: Class I Groups C and D; Class II Groups E, F, and G) |

### Ordering information

|          |  |
|----------|--|
| 2844TW-M | Explosion-proof magnetic contact with terminals, SPDT, wide gap, up to 2-1/2 in. gap size      |
| 2845T-M  | Explosion-proof magnetic contacts with terminals, closed loop, wide gap, 1 in. gap size        |
| 2847T-M  | Explosion-proof magnetic contacts with terminals, SPDT, wide gap, 1 in. gap size               |
| 2847TH-M | Explosion-proof magnetic contacts with terminals, higher security, SPDT, 1/4 to 1 in. gap size |

- Balanced, triple-biased, SPDT switches make defeat with external magnet difficult
- Tamper-protected cover
- UL Listed for hazardous location Class I Group C and D, and Class II Group E, F, and G
- UL listed for use in hazardous location classes
- Class I Group B housing available



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