

2800T series surface mount contacts

explosion-proof magnetic contacts with terminals

The 2800T 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, triple-biased, SPDT switches that make defeat by external magnets virtually impossible.

The contacts feature tamper circuits that are actuated by removal of the face plate or by introduction of an external magnet. The terminals are located inside the housing, providing additional protection from tampering or accidental shorting. Optional features include pry tamper loop for alarm in case of contact removal, current limiting device for circuit protection, and heavy-duty housings.



Specifications

Voltage:	30 VAC/VDC max.
Current:	0.25 A max.
Power:	3.0 W max.
Loop type:	Open or Closed
Electrical configuration:	SPDT
Gap distance:	3/16 to 5/8 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

2804T-M	Explosion-proof magnetic contacts with terminals, SPDT, 3/16 to 5/8 in. gap size, tamper
2807T-M	Explosion-proof magnetic contacts with terminals, SPDT, 3/16 to 5/8 in. gap size, tamper

- Balanced, triple-biased, SPDT switches make defeat with external magnet difficult
- Tamper switch
- UL Listed for hazardous location Class I Group C and D, and Class II Group E, F, and G
- Switch has optional pry tamper plate
- Class I Group B housing available

