

## A-701 Series Cutout — Reverse Current, Rated up to 400 Amps, 28 Vdc

### **Product Facts**

- SPST NO, Double break
- **■** Gasket sealed
- Meets many requirements of MIL-C-5026 and MIL-PRF-6106



#### **Performance Data**

#### **Electrical Characteristics**

**Contact Arrangement -**SPST NO, Double Break

Rated Operating Voltage — 28 Vdc Resistive Rating — 400 Amps

Resistive for 30 sec. — 1,000 Amps

Inrush Rating — 1,500 Amps

Reverse Current Dropout -

A-701D — 25 to 50 Amps A-701C — 18 to 35 Amps

#### **General Characteristics**

Temperature Range — -55°C to +71°C

Operating Cycles (Life) at Rated Resistive Load, Min. — 50,000

**Operating Cycles (Life)** Mechanical, Min. — 100,000 cycles

Electrical — 50,000 min.

Dielectric Strength -

All Circuits to Ground — 1,250 Vrms Circuit to Circuit — 1,250 Vrms Coil to Ground and Aux. Contacts -500 Vrms

Differential Pickup — 0.5 ± .15 Vdc

Weight, Max. -A-701D — 3 lbs 10 oz A-701C — 4 lbs

**Coil Characteristics** 

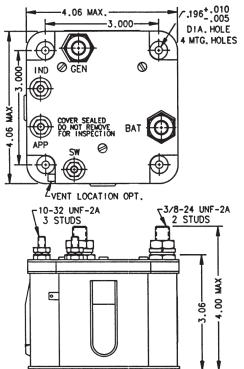
Duty Cycle — Continuous, economizing

Duty Cycle when using "APP" on A-701D or "GMG" on A-701C — Intermittent

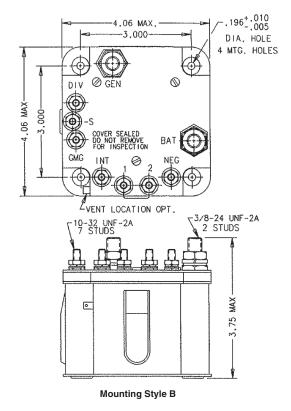
Nom. Coil Voltage — 24 to 30 Vdc Pickup Voltage, Max. —

A-701D — 15 Vdc A-701C — 12 Vdc

**Dropout Voltage** — 0.5 to 7.0 Vdc



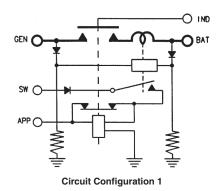


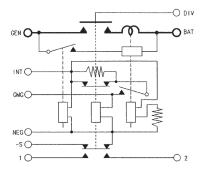




# A-701 Series Cutout — Reverse Current, Rated up to 400 Amps, 28 Vdc (Continued)

Circuit Configurations (Consult factory for other available circuit configurations)





**Circuit Configuration 2** 

HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Part Number
A-701D	Gasket/Vented	А	Continuous, Economizing	1	1-1616109-1
A-701C	Gasket/Vented	В	Continuous, Economizing	2	1-1616109-0

For factory-direct application assistance, phone 419-521-9500 or fax 419-526-2749.

For additional support numbers please visit www.te.com