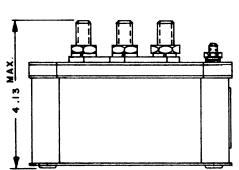


A-791M SPST N.O., 1000 Amps, 28 VDC, **Cutout Reverse Current**



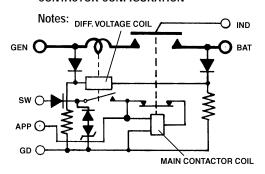
5.56 MAX. 4.500



Features:

- · SPST N.O. Main Contacts
- Economizing Coil
- 28 VDC
- 1000 Amps
- · High Reliability
- Meets many requirements of MIL-R-6106

CONTACTOR CONFIGURATION



Dimensions for this product are expressed in inches. Multiply values by 25.4 for millimeters.

PRODUCT SPECIFICATIONS	
Construction	Gasket Sealed, Vented
Main Contacts:	
Configuration	SPST N.O.
Voltage (Nominal)	28 VDC
Current (Resistive)	1000 Amps
Main Contactor Coil:	
Duty Cycle (SEE NOTE)	Continuous (Economizing)
Voltage (Nominal)	28 VDC
Pick-Up Voltage	18 VDC Maximum
Drop-Out Voltage	.5 - 7 VDC
Coil Current @ 25°C	
Pick-Up	1.65 Amp
Hold	.390 Amp
Differential Voltage Coil:	
Positive Drop-Out (+BAT, -CASE)	22 VDC Maximum
Differential Voltage Pick-Up GEN to BAT	.4 ±.25 VDC
Unexcited Bus Pick-Up (+GEN, -CASE)	18 - 24 VDC
Reverse Current Drop-Out (+BAS to GEN)	25 - 50 Amps
Weight Maximum	3 Lbs. 10 Oz.

NOTE: Intermittent Coil Duty with voltage applied to app.

TYPICAL APPLICATION: Reverse current protection for 1000 ampere DC starter/generators and/or transformer rectifier units.

Contact Hartman for a detailed Theory of Operation.

For factory-direct application assistance, contact the HARTMAN product team at (419) 521-9500, Fax (419) 526-2749.

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Catalog (web doc only) Revised 5-04

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets www.tycoelectronics.com are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-5-729-0425 South America: 55-11-3611-1514 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-141-810-8967