

INCH-POUND

AN3372  
REVISION 6  
23 SEPTEMBER 2010  
SUPERSEDING  
REVISION 5  
15 January 2002

DETAIL SPECIFICATION SHEET

RELAY, 200 AMP, 2PST, CLASS O, UNSEALED

Inactive for new design after 25 November 1957.  
No superseding document.

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the relay described herein shall  
consist of this specification and the latest issue of [MIL-PRF-6106](#).

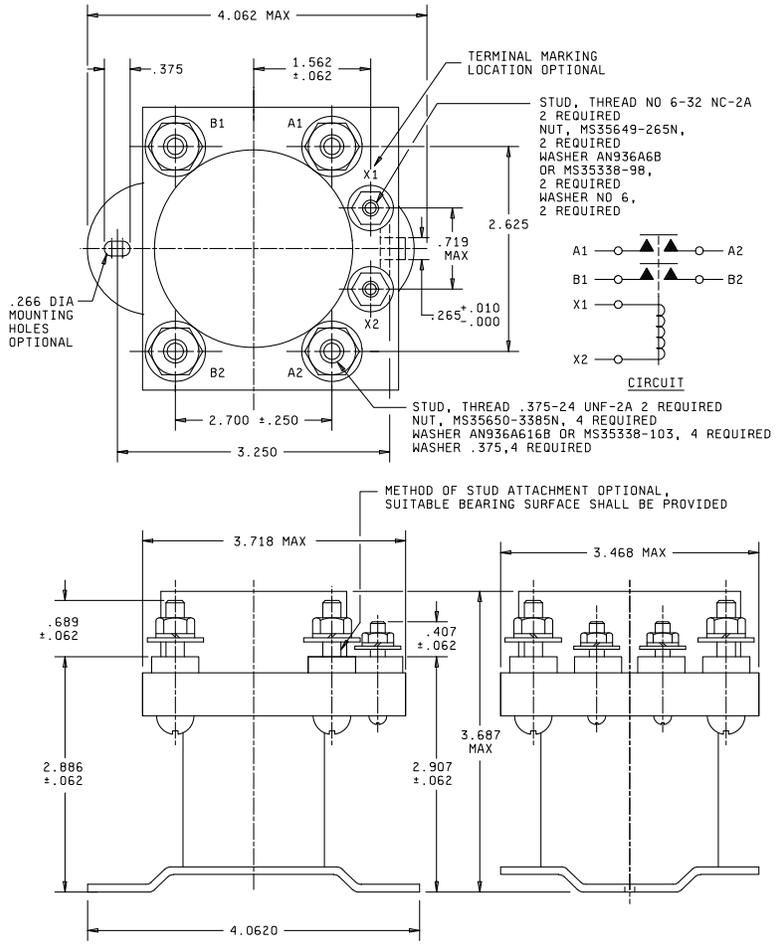


FIGURE 1. Configurations and dimensions.

AN3372  
REVISION 6

| Inches | mm    | Inches | mm     |
|--------|-------|--------|--------|
| .010   | 0.025 | .907   | 2.303  |
| .031   | 0.079 | 1.562  | 3.969  |
| .062   | 0.158 | 2.625  | 6.668  |
| .093   | 0.238 | 2.700  | 6.858  |
| .250   | 0.635 | 2.886  | 7.330  |
| .265   | 0.673 | 3.250  | 8.255  |
| .266   | 0.675 | 3.468  | 8.810  |
| .375   | 0.952 | 3.687  | 9.366  |
| .407   | 1.034 | 3.718  | 9.445  |
| .689   | 1.750 | 4.062  | 10.318 |
| .719   | 1.826 |        |        |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.016$  (0.040 mm).

FIGURE 1. Configurations and dimensions - Continued.

REQUIREMENTS

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop: Not applicable.

Coil temperature rise: Not applicable.

Load ratings: See [Table I](#).

TABLE I - Rated contact load (per pole).

| Type of load                     | Amperes |
|----------------------------------|---------|
| Resistive (28 Volts DC)          | 200     |
| Resistive (400 Hz, 115 Volts AC) | 150     |
| Inductive (28 Volts DC)          | 100     |
| Motor (28 Volts DC)              | 150     |
| Motor (400 Hz, 115 Volts AC)     | 100     |

<sup>1/</sup> For resistive load tests, one set of contacts shall be tested with rated resistive DC load and the other set of contacts shall be tested with rated resistive AC load.

Overload current: Not applicable.

Rupture current: Not applicable.

AN3372  
REVISION 6

Coil data:

Nominal coil voltage: 28 volts.  
Maximum operating voltage: 29 volts.  
Pickup voltage: 20 volts.  
Hold voltage: 7 volts  
Dropout voltage: 1.5 volts.  
Rated duty: Continuous.  
Coil current: 0.8 amperes, maximum.

Physical data:

Weight: 2.5 pounds, maximum.  
Qualification by similarity: See [MIL-PRF-6106](#).  
Retention of qualification: To retain qualification, the manufacturer shall submit group A acceptance reports on a yearly basis to the qualifying activity.  
Quality conformance inspection: Performance of groups B and C tests are not applicable.  
Part or Identifying Number (PIN): AN3372-1.  
Supersession information: Supersedes USAF Specification Number 32538.

Referenced documents. this document references the following:

[MIL-PRF-6106](#)

Custodian:  
Air Force - 85  
DLA - CC

Preparing activity:  
DLA - CC  
(Project 5945-2010-028)

Review activity:  
Air Force - 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil/>.