

INCH-POUND

AN3362
REVISION 10
22 May 2023
SUPERSEDING
AN3362
REVISION 9
16 June 2022

PERFORMANCE SPECIFICATION SHEET

RELAY, 100 AMP, 2PST,
UNSEALED, CLASS O, TYPE II

Activated after 16 June 2022 and may be used for
new and existing design acquisitions.

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

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

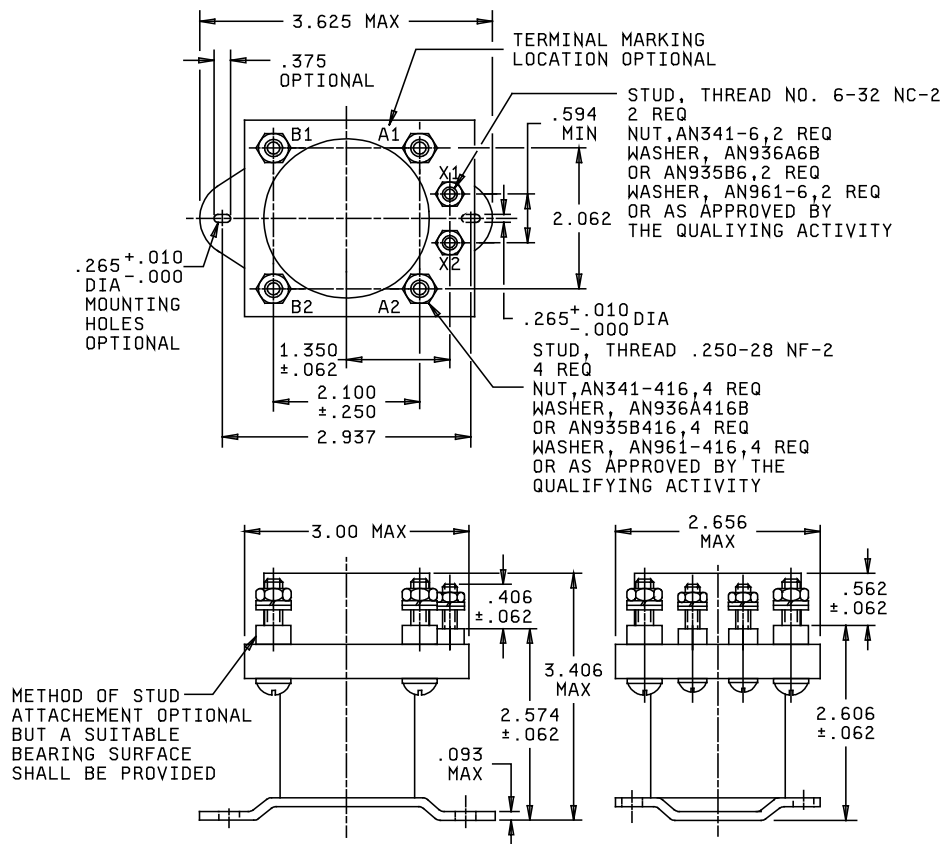


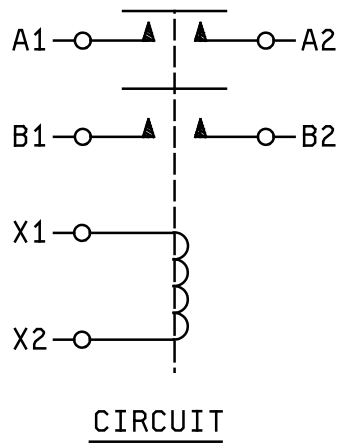
FIGURE 1. Configurations and dimensions.

AMSC N/A
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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Inches	mm
.010	0.25
.062	1.57
.093	2.36
.250	6.35
.265	6.73
.281	7.14
.375	9.53
.406	10.31
.562	14.27
.594	15.09
1.350	34.29
2.062	52.37
2.100	53.34
2.574	65.38
2.606	66.19
2.656	67.46
2.937	74.60
3.00	76.20
3.406	86.51
3.625	92.08

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .010$.
4. AN341 parts are per [NASM35649](#), and AN961 parts are per [NASM961](#).

FIGURE 1. Configurations and dimensions - Continued.

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REQUIREMENTS:

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop:

Initial: 0.150 volt maximum.

After life: 0.175 volt maximum.

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

TABLE I Rated contact load (per pole).

Type of load	Amperes
Resistive (DC)	100
Resistive (AC 400 Hz, 115 volts)	75
Inductive	80
Motor (DC)	80
Motor (AC 400 Hz, 115 volts)	65

Coil data:

Nominal coil voltage: Rated.

Maximum operating voltage: 29 volts.

Pickup voltage: 20 volts.

Hold voltage: 7 volts.

Dropout voltage: 1.5.

Rated duty: Continuous.

Coil current: 0.6 amperes.

Physical data:

Weight: 1.6 pounds maximum.

Part or Identifying Number (PIN): AN3362-1.

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Retention of qualification: To retain qualification, the manufacturer shall submit group A acceptance reports every 36 months to the qualifying activity.

Quality conformance inspection: Performance of groups B and C tests are not applicable.

The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

Referenced documents. In addition to [MIL-PRF-6106](#), this document references the following:
[NASM35649](#) [AN936](#) [NASM961](#) [AN935](#)

Custodians:
Army - AV
Air Force - 85
DLA – CC

Preparing activity:
DLA - CC
(Project 5945-2023-037)

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.dla.mil/>.