



DEFENSE LOGISTICS AGENCY

DLA Land and Maritime
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

28 April 2023

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft of AN3308 Revision 7
Project number 5945-2023-040

The draft of the above subject document is being sent to you for review and comments. The draft consists of the following changes: Replaced DAPS reference, changed annual reporting requirement, added distribution statement, added QR Code, adjusted table columns and rows to make them 508 compliant, and adjusted figures to make them 508 compliant

If the document is of interest to you, please provide your comments electronically. This can be in the form of a return e-mail, with or without an attached text file. A 30-day coordination cycle from the date of this letter has been allotted. Please provide your comments within that time period. If no comments are received in the allotted 30 day coordination cycle, concurrence is assumed and all comments received after will be held to the first amendment. If an electronic response is not possible we will still accept comments via letter, facsimile or phone call but only after you have contacted the project officer listed below. The draft document can be found at the following DLA LAND AND MARITIME-VA web page:

<https://landandmaritimeapps.dla.mil/programs/MilSpec/initialdrafts.aspx>

This process still requires military departments to identify their comments as "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply.

If there are any questions, please contact Joe Galbraith by the preferred method of E-Mail at Joseph.Galbraith@dlamail or by telephone at commercial 614-809-2124, DSN 809-2124; or by facsimile at 614-692-6939. Our mailing address as a last resort is DLA Land and Maritime-VAT, P.O. Box 3990, Columbus, OH 43218-3990. If you have further questions or concerns you may contact me at Michael.Radecki@dlamail by telephone at 614-692-0561 or by DSN 850-0561.

/SIGNED/

MICHAEL A. RADECKI
Chief
Electronic Components Branch

NOTE: This draft, dated 28 April, 2023 prepared by DLA-CC, has not been approved and is subject to modification.
DO NOT USE PRIOR TO APPROVAL. (Project 5945-2023-040)

INCH-POUND
AN3308
REVISION 7
DRAFT
SUPERSEDING
REVISION 6
7 June 2011

DETAIL SPECIFICATION SHEET

RELAY, 10 AMP, 3 PDT, SEALED,
CONNECTOR MOUNTING, CLASS O

Inactive for new design after 17 November 1954. 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 [MIL-PRF-6106](#).

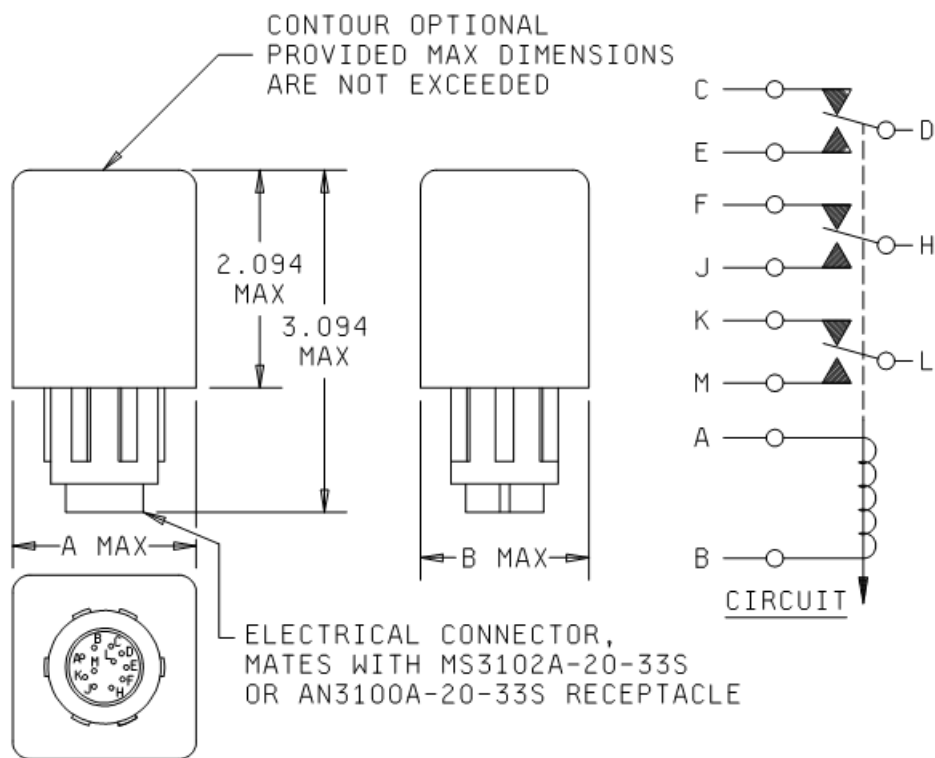


FIGURE 1. Configurations and dimensions.

AMSC N/A

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

FSC 5945



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AN Part Number	A (MAX)	B (MAX)
AN3308-1	2.094	1.718
AN3308-2	2.188	1.813

Inches	mm
.016	0.040
1.719	4.366
1.813	4.604
2.094	3.094
2.188	5.556

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance are ± 0.005 (0.013 mm).

FIGURE 1. Configurations and dimensions - Continued.

REQUIREMENTS

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop:

Initial: 0.150 volt maximum. Applicable only for AN3308-2.

After life: 0.175 maximum. Applicable only for AN3308-2.

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

TABLE I - Rated contact load (per pole).

Type of load	Amperes
Resistive (DC)	10
Resistive (AC 400 Hz, 115 volts)	10
Inductive	10
Motor	6

Overload current: See [MIL-PRF-6106](#). Not applicable to AN3308-1.

Rupture current: See [MIL-PRF-6106](#). Not applicable AN3308-1.

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Coil data:

Nominal coil voltage: 28 volts.

Maximum operating voltage: 29 volts.

Pickup voltage: 18 volts.

Dropout voltage: 2 volts, minimum; 7 volts, maximum.

Rated duty: Continuous.

Coil current: 0.35 amperes, maximum.

Physical data:

Weight: 0.6 pounds, maximum.

Qualification by similarity: See [MIL-PRF-6106](#).

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.

Part or Identifying Number (PIN): AN3308-1 and AN3308-2.

AN3308-2 relays shall meet the mixed loads current requirements specified in [MIL-PRF-6106](#). The relay shall be equipped with a glass to metal sealed electrical connector.

Supersession information: Supersedes USAF Drawing 50B6185.

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The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. 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.

Referenced documents:

[MIL-PRF-6106](#)

Custodian:
Air Force - 85
DLA - CC

Preparing activity:
DLA - CC

(Project 5945-2023-040)

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/>.