

MILITARY SPECIFICATION

CIRCUIT BREAKERS, MAGNETIC, UNSEALED OR PANEL SEAL, TRIP-FREE,
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-C-55629B, dated 19 June 1981,
and is approved for use by all Departments and Agencies of the
Department of Defense.

PAGE 7

3.26.1d: Delete "ANSI Y32.2-1967" and substitute "ANSI Y32.2-1975".

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* TABLE II, title, delete and substitute:

"TABLE IIa. Qualification inspection."

TABLE II, footnote 3: Delete "or retention of qualification".

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* 4.5.2.1: Delete in its entirety.

* 4.5.4.1: Delete and substitute:

"4.5.4.1 Method. To retain qualification, the contractor shall forward a report
at 12-month intervals to the qualifying activity. The qualifying activity shall
establish the initial reporting date. The report shall consist of:

- a. A summary of the results of the tests performed for inspection of product
for delivery (group A), indicating as a minimum the number of lots that
have passed and the number that have failed, including the number and type
of part failures. The results of tests of all reworked lots shall be
identified and accounted for.
- b. A summary of the results of inspection performed for retention of
qualification, including the number and mode of failures. The summary
shall include results of all retention of qualification inspection tests
performed and completed during the 12-month period. The inspection shall
consist of the examinations and tests specified in table IIb in the order
shown. If the summary of the test results indicates nonconformance with
specification requirements, and corrective action acceptable to the
qualifying activity has not been taken, action may be taken to remove the
failing product from the qualified products list (see 4.5.4.3).
- c. Contractors shall provide certification of current UL listing and an
analysis of any discrepancy found during the UL follow-up service program
affecting quality of product, or changes in design, construction, or
materials.

Failure to submit the report within 30 days after the end of each 12-month period
may result in loss of qualification for the product. In addition to the periodic
submission of inspection data, the contractor shall immediately notify the
qualifying activity at any time during the 12-month period that the inspection data
indicates failure of the qualified product to meet the requirements of this
specification.

In the event that no production occurred during the reporting period, a report
shall be submitted certifying that the company still has the capabilities and
facilities necessary to produce the item. If during two consecutive reporting
periods there has been no production, the manufacturer may be required, at the
discretion of the qualifying activity, to submit a representative product of the
highest and lowest current rating covered by each major design set to testing in
accordance with the qualification inspection requirements."

* Add the following new table after paragraph 4.5.4.1:

"TABLE IIb. Retention of qualification inspection.

Inspection	Military part number	Requirement paragraph	Test method paragraph	Number of samples
Shock (1st Quarter)	M55629/2-001	3.19	4.8.15	1
"	M55629/1-128	"	"	1
"	M55629/4-001	"	"	1
"	M55629/3-128	"	"	1
"	M55629/6-001	"	"	1
"	M55629/5-128	"	"	1
"	M55629/20AL	"	"	1
"	M55629/7-114	"	"	1
"	M55629/21ALAL	"	"	1
"	M55629/9-114	"	"	1
"	M55629/22ALALAL	"	"	1
"	M55629/11-114	"	"	1
Vibration (2nd Quarter)	M55629/2-005	3.16	4.8.12	1
"	M55629/1-132	"	"	1
"	M55629/4-005	"	"	1
"	M55629/3-132	"	"	1
"	M55629/6-005	"	"	1
"	M55629/5-132	"	"	1
"	M55629/20AP	"	"	1
"	M55629/7-118	"	"	1
"	M55629/21APAP	"	"	1
"	M55629/9-118	"	"	1
"	M55629/22APAPAP	"	"	1
"	M55629/11-118	"	"	1
Salt spray (3rd Quarter)	M55629/2-003	3.21	4.8.17	1
"	M55629/1-130	"	"	1
"	M55629/4-003	"	"	1
"	M55629/3-130	"	"	1
"	M55629/6-003	"	"	1
"	M55629/5-130	"	"	1
"	M55629/20AM	"	"	1
"	M55629/7-116	"	"	1
"	M55629/21AMAM	"	"	1
"	M55629/9-116	"	"	1
"	M55629/22AMAMAM	"	"	1
"	M55629/11-116	"	"	1
See footnote 1/	M55629/2-129	3.18, 3.6,	4.8.14,	2
"	M55629/4-129	3.17	4.8.2,	2
"	M55629/6-129	"	4.8.13	2
"	M55629/8-115	"	"	1
"	M55629/10-115	"	"	1
"	M55629/12-115	"	"	1
"	M55629/20UM	"	"	1
"	M55629/21UMUM	"	"	1
"	M55629/22UMUMUM	"	"	1

1/ Thermal shock shall be performed the 4th quarter of the first year, solderability shall be performed the 4th quarter of the second year, and moisture resistance shall be performed the 4th quarter of the 3rd year. After the third year, the sequence repeats."

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* 4.5.4.1.1: Delete in its entirety.

* 4.5.4.1.3: Delete sentence and substitute:

"Sample units which have been subjected to the inspections in table I1b shall not be delivered on the contract or order."

* 4.5.4.2: Delete in its entirety.

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4.8.5.1a, line 7: Delete "and 800" and substitute "800, and 1,000, when specified, see 3.1."

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20.1, after the third paragraph, add the following new paragraph:

"(Tripping time delay T.) When qualification already exists for characteristics K through S, two circuit breakers shall be submitted for qualification to characteristic T. They shall consist of one in the minimum and one in the maximum current rating. The sample units shall be of the greatest number of poles for which qualification is sought. Circuit breakers qualified with auxiliary contacts will convey qualification to specification sheets without auxiliary contacts. Tests to be conducted are calibration and high and low temperature. No failures will be allowed."

The margins of this amendment are marked with an asterisk or vertical lines to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and 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 last previous amendment.

Custodians:
Army - ER
Navy - EC
Air Force - 85

Review activities:
Army - AR, ME, MI
Navy - AS, OS
Air Force - 17, 99
DLA - ES

User activities:
Army - AV
Navy - MC
Air Force - 19

Preparing activity:
Army - ER

Agent:
DLA - ES

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