

User activities: Army - AT, AV, ME
Navy - MC, CG, SH, OS
Air Force - 19

Review activities: Army - CR, MI.
Navy - AS, YD
Air Force - 17, 85, 11

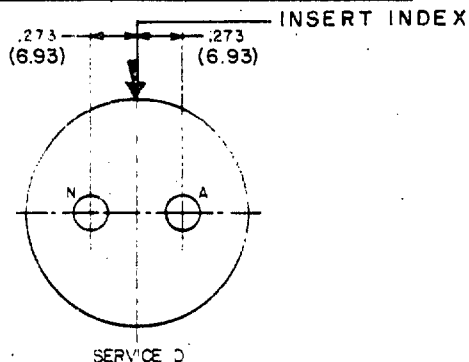
DLA-ES

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

FRONT FACE OF PIN INSERT SHOWN
(SOCKET INSERT OPPOSITE), UNLESS
-02 AND -03 INSERT ARRANGEMENTS OTHERWISE SPECIFIED.

FED. SUP CLASS
5935

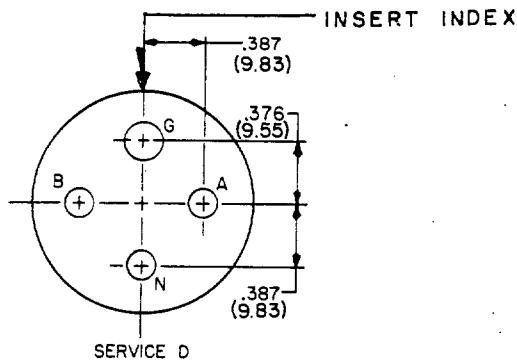
QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
1	A	6	49-329	48-317
1	N	6N	49-329 See Note 9	48-318



-02-CABLE IPCEA 2-NO 8 CONDUCTOR
ROUND TYPE W
-03-CABLE-CO-02-HDF (2/6) 0930
PER MIL-C-3432
MARK 28-02 ON 28-03 INSERT (SEE NOTE 8)

AC SINGLE PHASE THREE WIRE GROUNDING
-06 AND -07 INSERT ARRANGEMENTS

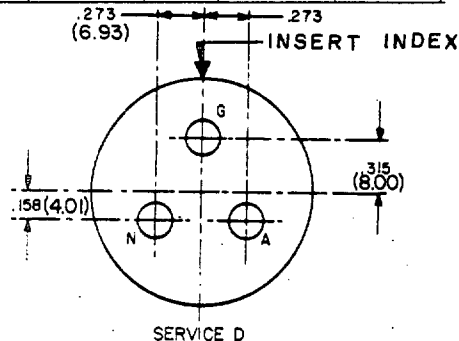
QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
2	A, B	6	49-329	48-317
1	N	6N	49-329 See Note 9	48-318
1	G	4N	49-331 See Note 9	48-321



-06-CABLE IPCEA 3-NO 8 CONDUCTOR
ROUND TYPE G
-07-CABLE-CO-03-HDF (3/6-3/10R) 1000
PER MIL-C-3432
MARK 28-06 ON 28-07 INSERT (SEE NOTE 8)

AC SINGLE PHASE TWO WIRE GROUNDING
-04 AND -05 INSERT ARRANGEMENTS

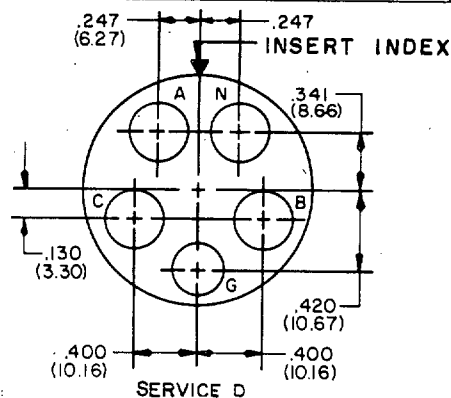
QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
1	A	6	49-329	48-317
2	G, N	6N	49-329 See Note 9	48-318



-04-CABLE IPCEA 2-NO 8 CONDUCTOR
ROUND TYPE G
-05-CABLE-CO-02-HDF (2/6-2/10R) 0930
PER MIL-C-3432
MARK 28-04 ON 28-05 INSERT (SEE NOTE 8)

AC THREE PHASE FOUR WIRE GROUNDING
-12 AND -13 INSERT ARRANGEMENTS

QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
3	A, B, C	6	49-329	48-317
2	N, G	6N	49-329 See Note 9	48-318



-12-CABLE IPCEA 4-NO 8 CONDUCTOR
ROUND TYPE G
-13-CABLE-CO-04-HDF (4/6-4/12R) 1090
PER MIL-C-3432
MARK 28-12 ON 28-13 INSERT (SEE NOTE 8)

denotes changes

P.A NAVY - EC

International
Interest

TITLE

Other Cust
ARMY - CR
AF - 11

INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR,
SIZE 28, CLASS L, 40 AMPS

MILITARY STANDARD

MSI4054

Procurement Specification
MIL-C-22992

SUPERSEDES:

PAGE 1 OF 3

DD FORM 672
1 MAY 73

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-3333-3

APPROVED 2 Feb 1972
REVISED 28 Aug 1974
6 May 1975
7 FEB 80
20 December 1982

User activities: Army - AT, AV, ME
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INSERT ROTATION (DEGREES FROM NORMAL)

FED. SUP CLASS
5935

ARRANGEMENT NUMBER	NORMAL DC or 60 Hz (SEE FIG 1)	ALTERNATE (SEE FIG 1) 400 Hz		
		W	X	Y
28-04 28-05	0°	---	---	180°
28-06 28-07	0°	---	---	---
28-12 28-13	0°	---	---	180°
28-03 28-02	0°	---	---	---

(D)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Metric equivalents are in parentheses.
4. Unless otherwise specified, tolerance is $\pm .002$ (.05 mm).
5. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
6. Referenced documents shall be of the issue in effect on date of invitation for bid.
7. Unless otherwise specified, pin insert pattern shown. Socket inserts are the reverse.
8. Trademark and 28-() shall appear in available space. Contact identifying letter shall be located so as to identify relative contact.
9. Only the pin contact is lengthened and has the N (neutral) designation. The mating socket contact is the same as the power contact.

REQUIREMENTS:

1. Neutral pin (N) is not connected to shell.
2. Grounding pin (G) is connected to shell.
3. Applicable MS3348 crimp bushings shall be supplied with the contacts for insert arrangements as specified:

INSERT ARRANGEMENT	CONTACTS		CABLE CONDUCTORS MS90556 & MS90557 1/		CONTACT BUSHINGS REQUIRED	
	QTY	SIZE	QTY	SIZE	QTY	P/N MS3348-
28-02	2	6	2	8	2	6-8L
28-04	2	6	2	8	2	6-8L
	1	6	2	10(G)	-	-
28-06	3	6	3	8	3	6-8L
	1	4	3	12(G)	1	4-8L
28-07	3	6	3	6	-	-
	1	4	3	10(G)	1	4-5L
28-12	4	6	4	8	4	6-8L
	1	6	4	12(G)	-	-

-1/ (G) DESIGNATES GROUNDING.

P.A NAVY - EC	International Interest	TITLE INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR, SIZE 28, CLASS L, 40 AMPS	MILITARY STANDARD
Other Cust ARMY - CR AF - 11			MS 14054
Procurement Specification MIL-C-22992	SUPERSEDES:		PAGE 2 OF 3

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-3333-3

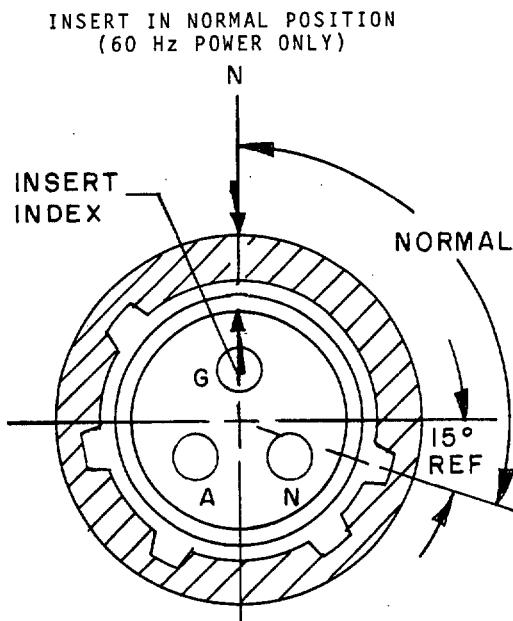
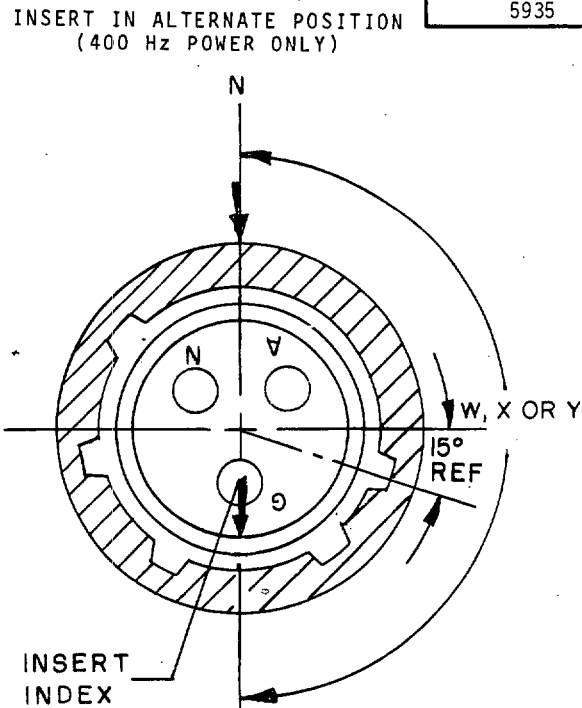
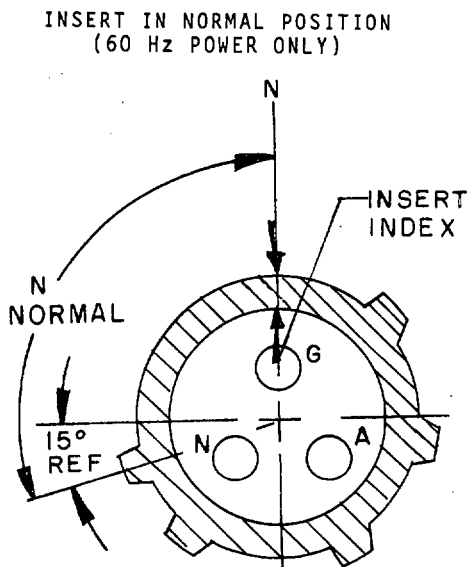
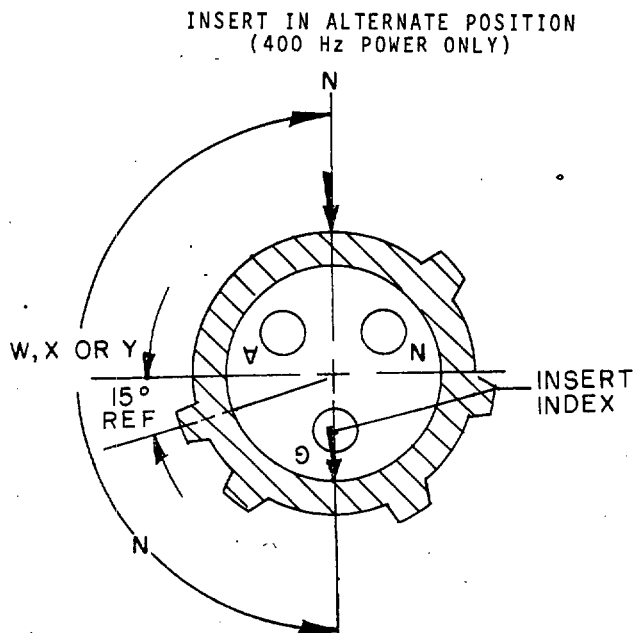
REVISED (D) SEE PAGES 1,2 AND 3 FOR CHANGES

APPROVED 2 Feb 1972

FED. SUP CLASS
5935User activities: Army - AI, AV, ME
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PROJECT 5935-3333-3

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(REF. MS90555*****S)
(REF. MS90557*****S)
SOCKET CONTACT PATTERN
FRONT FACE OF SOCKET INSERT SHOWN(REF. MS90555*****SY)
(REF. MS90557*****SY)
SOCKET CONTACT PATTERN
FRONT FACE OF SOCKET INSERT SHOWN(REF. MS90556*****P)
(REF. MS90558*****P)
SOCKET CONTACT PATTERN
FRONT FACE OF PIN INSERT SHOWN(REF. MS90556*****PY)
(REF. MS90558*****PY)
SOCKET CONTACT PATTERN
FRONT FACE OF PIN INSERT SHOWN

D FIGURE 1.

P.A. NAVY - EC	International interest	TITLE INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR, SIZE 28, CLASS L, 40 AMPS	MILITARY STANDARD
Other Cust ARMY - CR AF - 85			MS14054
Procurement Specification MIL-C-22992	SUPERSEDES:		PAGE 3 OF 3

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-3333-3

APPROVED 2 FEB 1972 REVISED D FOR CHANGES SEE PAGES 1, 2 AND 3