

FED. SUP CLASS
593528 VOLT DC TWO WIRE
-02 INSERT ARRANGEMENT

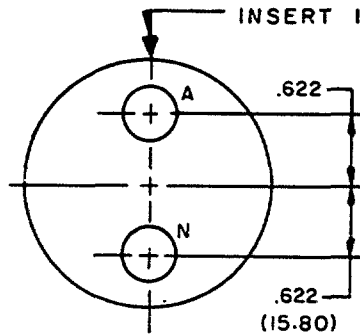
(E)

QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
1	A	4/0	49-335	48-327
1	N	4/0N	49-335 SEE NOTE 9	48-328

AC SINGLE PHASE THREE WIRE GROUNDING
-06 INSERT ARRANGEMENT

QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
2	A,B	4/0	49-335	48-327
1	N	4/0N	49-335 SEE NOTE 9	48-328
3	G1,G2,G3	4G	49-332	48-322

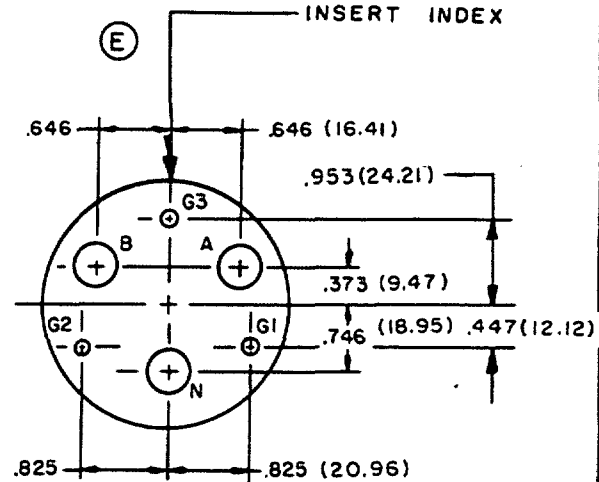
INSERT INDEX



SERVICE D

-02 ICEA 2-110. 2/0 CONDUCTOR
ROUND TYPE II CABLE 0-600 Volts.FRONT FACE OF PIN INSERT SHOWN
(SOCKET INSERT OPPOSITE), UNLESS
OTHERWISE SPECIFIED.

INSERT INDEX



SERVICE D

-06 ICEA 3-ND. 2/0 CONDUCTOR
ROUND TYPE G CABLE 0-600 Volts.

INSERT ARRANGEMENT	CONTACTS		CABLE CONDUCTORS MS90556 & MS90557		CONTACT BUSHINGS REQUIRED	
	QTY	SIZE	QTY	SIZE	QTY	P/N MS3348-
52-02	2	4/0	2	2/0	2	4/0-2/0L
52-06	3	4/0	3	2/0	3	4/0-2/0L
	3	4	3	5(G)	3	4-5L

(E)

denotes changes

P.A NAVY - EC

International
Interest

TITLE

INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR,
SIZE 52, CLASS L, 200 AMPS

MILITARY STANDARD

Other Cust
ARMY - CR
AF - 85

MS14057

Procurement Specification
MIL-C-22992

SUPERSEDES:

PAGE 1 OF 3

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

5935-3333-2

APPROVED 29 Jan 1973 REVISED (A) 28 Aug 1974 (B) 6 May 1975 (C) 7 FEB 80 (D) 30 Mar 1982 (E) 20 December 1982

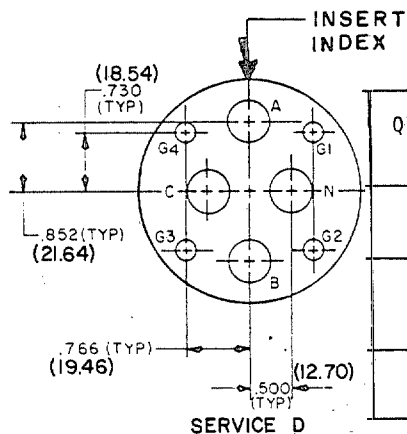
User activities: Army - AT, AV, ME
Navy - MC, CG, SH, OS
Air Force - 19
Review activities: Army - CR, HJ
Navy - AS, YD
DLA-ES Air Force - 17, 11

This military standard is approved for use by the Department, 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.

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

Review activities: Army - CK, MI
Navy - AS, YD
Air Force - 17, 11
DLA-ES

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

FED. SUP CLASS
5935

QTY	CONTACT	SIZE	SOCKET M39029	PIN M39029
3	A, B, C	4/0	49-335	48-327
1	N	4/0N	49-335 SEE NOTE 9	48-328
2	G1, G2, G3, G4	4G	49-332	48-322

SERVICE D

- 12-CABLE ICEA 4-NO. 4/0 CONDUCTOR ROUND TYPE G 0-600 Volts.
-13-CABLE CO-04 HDE (4/0000-4/4R) 2380 PER MIL-C-3432
52-12 SHALL BE MARKED ON 52-13 INSERT (SEE NOTE 8)

NOTES:

- Dimensions are in inches.
- Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
- Metric equivalents are in parentheses.
- Unless otherwise specified, tolerance is $\pm .002$ (.05 mm).
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitation for bid.
- Unless otherwise specified, pin insert pattern shown. Socket inserts are the reverse.
- Trademark and 52-() shall appear in available space. Contact identifying letter shall be located so as to identify relative contact.
- Only the pin contact is lengthened and has the N (neutral) designation. The mating socket contact is the same as the power contact.

REQUIREMENTS:

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

INSERT ROTATION (DEGREES FROM NORMAL)				
ARRANGEMENT NUMBER	NORMAL (SEE FIG. 1) DC or 60 Hz	ALTERNATE (SEE FIG 1) 400 Hz		
		W	X	Y
52-02	0°	---	---	---
52-06	0°	---	---	---
52-12, 52-13	0°	300°	---	---

FRONT FACE OF PIN INSERT SHOWN
(SOCKET INSERT OPPOSITE), UNLESS
OTHERWISE SPECIFIED.

(E)

P.A. NAVY - EC	International Interest	TITLE INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR, SIZE 52, CLASS L, 200 AMPS	MILITARY STANDARD
Other Cust ARMY - CR AF - 85			MS14057
Procurement Specification MIL-C-22992		SUPERSEDES:	PAGE 2 OF 3

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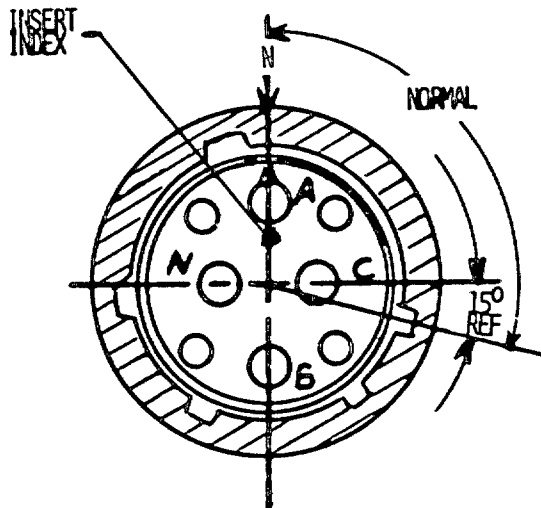
APPROVED 29 Jan 1973
REVISED (E) For changes see pages 1, 2, AND 3

User activities: ARMY - AT, AV, ME
NAVY - MC, CG, OS, SH
AIR FORCE - 19

Review activities: ARMY - CR, MI
NAVY - AS, YD
AIR FORCE - 17, 80
DLA-ES

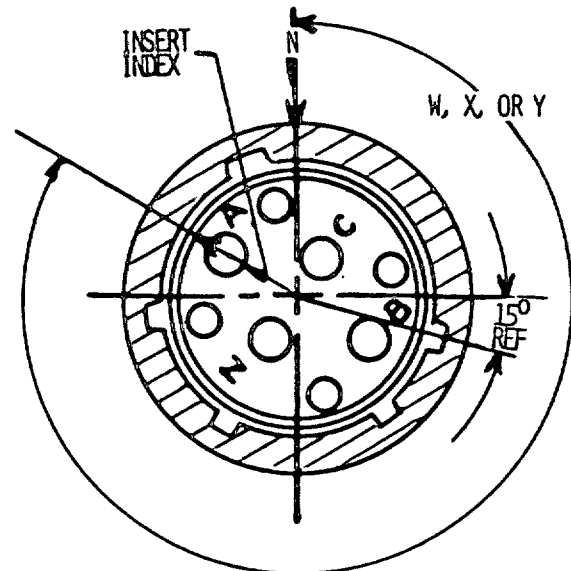
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INSERT IN NORMAL POSITION
(60 Hz POWER ONLY)



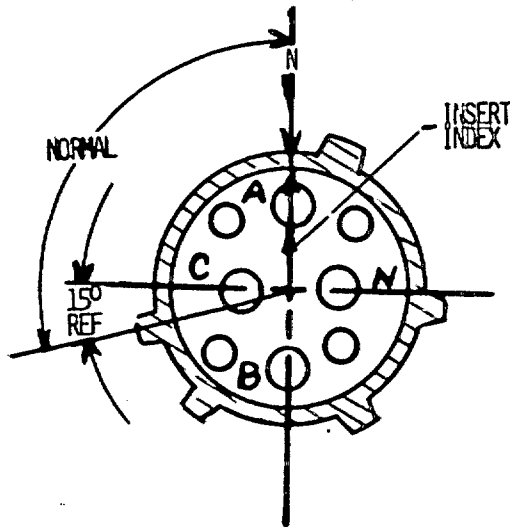
(REF. MS90555*****S)
(REF. MS90557*****S)
SOCKET CONTACT PATTERN
FRONT FACE OF SOCKET INSERT SHOWN

INSERT IN ALTERNATE POSITION
(400 Hz POWER ONLY)



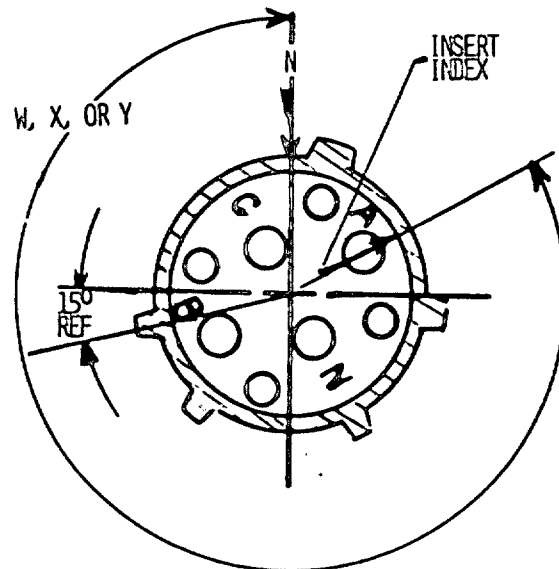
(REF. MS90555*****SW)
(REF. MS90557*****SW)
SOCKET CONTACT PATTERN
FRONT FACE OF SOCKET INSERT SHOWN

INSERT IN NORMAL POSITION
(60 Hz POWER ONLY)



(REF. MS90556*****P)
(REF. MS90558*****P)
SOCKET CONTACT PATTERN
FRONT FACE OF PIN INSERT SHOWN

INSERT IN ALTERNATE POSITION
(400 Hz POWER ONLY)



(REF. MS90556*****PW)
(REF. MS90558*****PW)
SOCKET CONTACT PATTERN
FRONT FACE OF PIN INSERT SHOWN

FIGURE 1.

P.A. NAVY - EC	International Interest	TITLE INSERT ARRANGEMENTS, ELECTRICAL CONNECTOR, SIZE 52, CLASS L, 200 AMPS	MILITARY STANDARD
Other Cust ARMY - CR AF - 85			MS 14057
Procurement Specification MIL-C-22992	SUPERSEDES:		PAGE 3 OF 3

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APPROVED 29 JAN 1973 REVISED (E) FOR CHANGES SEE PAGES 1, 2, AND 3