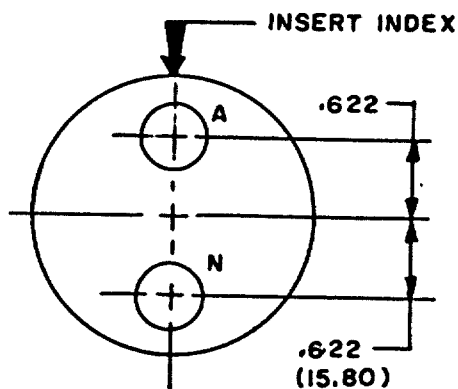


28 volt dc two wire
-02 insert arrangement

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

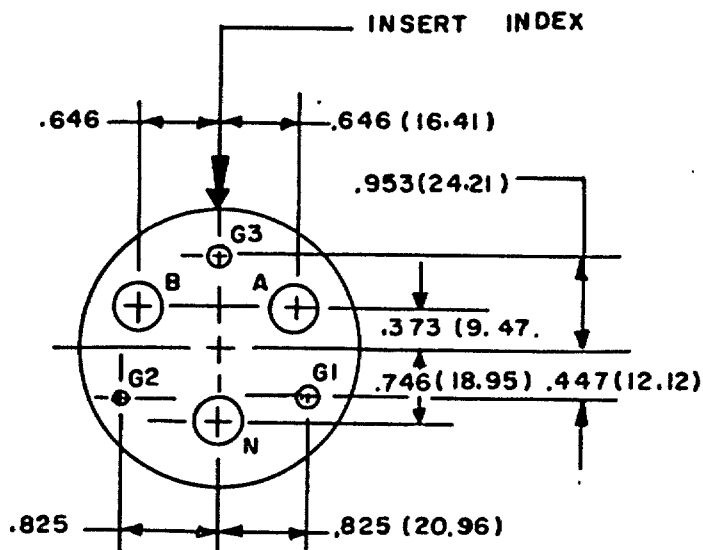
Qty	Contact	Size	Socket M39029	Pin M39029
2	A, B	4/0	49-335	48-327
1	N	4/0N	49-335 See note 9	48-328
3	G1, G2, G3	4G	49-332	48-322



SERVICE D

-02 ICEA 2-N0. 2/0 conductor
Round type W cable 0-600 volts.

Front face of pin insert shown
(Socket insert opposite), unless
otherwise specified.



SERVICE D

-06 ICEA 3-N0. 2/0 conductor
Round type W 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 3	4/0 4	3 3	2/0 5(G)	3 3	4/0-2/0L 4-5L

(F) denotes changes.

PREPARING ACTIVITY: NAVY-EC
CUSTODIANS: ARMY-CR NAVY-EC
AIR FORCE-85 DLA-
REVIEW: A-CR, N-AS, YD, AF-11
DLA-ES
USER: A-AT, AV, ME, N-MC, CG, SH, OS,
AF-19
PROJECT NUMBER: 5935-3733

TITLE
MILITARY SPECIFICATION SHEET
INSERT ARRANGEMENTS, ELECTRICAL
CONNECTOR, SIZE 52, CLASS L, 200
AMPS

SPECIFICATION SHEET NUMBER
MS 14057F 09 Jun 89
SUPERSEDING
MS14057E, 20 Dec 82
AMSC N/A FSC 5935

DISTRIBUTION STATEMENT

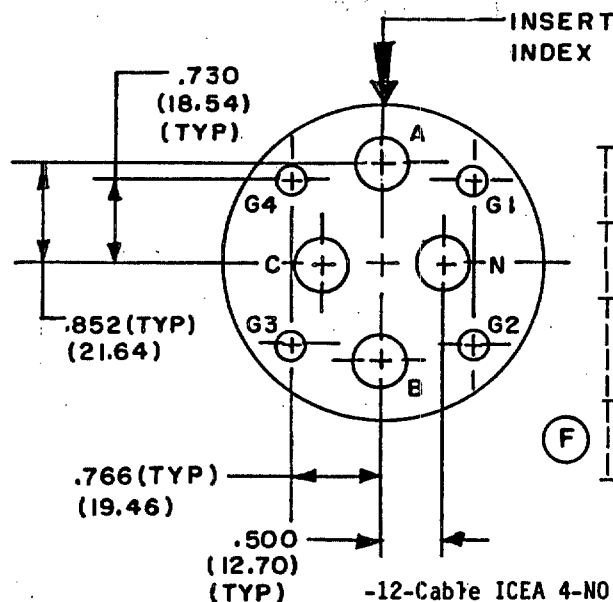
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AC three phase four wire grounding
-12 and -13 insert arrangement

Qty	Contact	Size	Socket M39029	Pin M39029
3	A, B, C	4/0	49-335	48-327
1	N	4/0N See note 9	49-335	48-328
4	G1, G2, G3, G4	4G	49-332	48-322

(F)

SERVICE D

- 12-Cable ICEA 4-NO. 4/0 conductor, round type G cable 0-600 volts.
-13-Cable CO-04 HDE (4/0000-4/4R) 2380 in accordance with 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.
- Metric equivalents are in parentheses.
- Unless otherwise specified, tolerance is $\pm .002$ (0.05 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 figure 1) dc or 60 Hz	Alternate (see figure 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.

THIS SPECIFICATION IS APPROVED FOR USE BY all Departments and Agencies of the Department of Defense.

PREPARING ACTIVITY: NAVY-EC
CUSTODIANS: ARMY-CR NAVY-EC
AIR FORCE-85 DLA-
REVIEW: A-CR, N-AS, YD, AF-11
DLA-ES
USER: A-AT, AV, ME, N-MC, CG, SH, OS,
AF-19
PROJECT NUMBER: 5935-3733

MILITARY SPECIFICATION SHEET

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

SPECIFICATION SHEET NUMBER**MS 14057F**

SUPERSADING
MS14057E

AMSC

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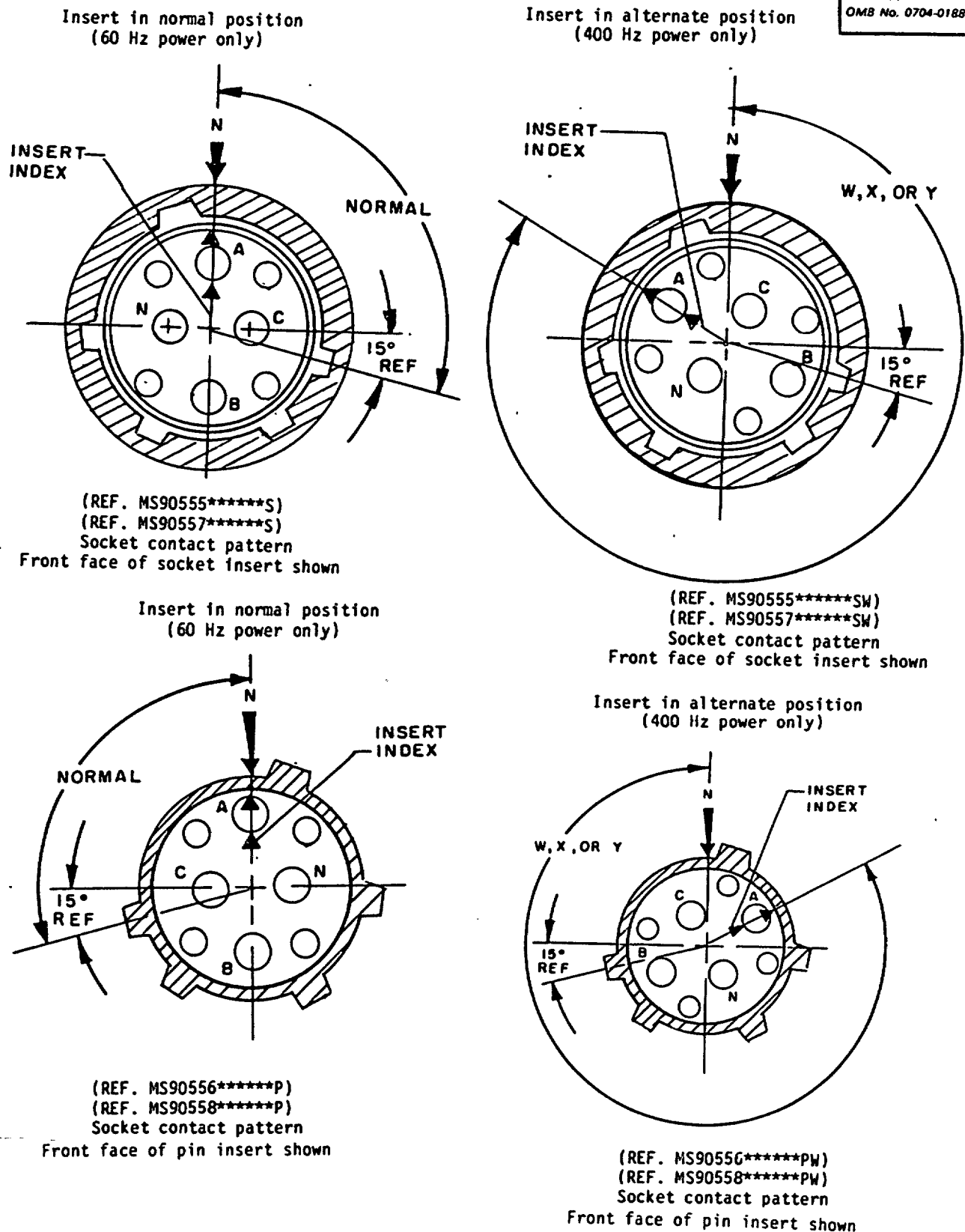


FIGURE 1.

PREPARING ACTIVITY: NAVY-EC
CUSTODIANS: ARMY-CR NAVY-EC
AIR FORCE-85 DLA-
REVIEW: A-CR, N-AS, YD, AF-11
DLA-ES
USER: A-AT, AV, HE, N-MC, CG, SH, OS,
AF-19
PROJECT NUMBER: 5935-3733

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INSERT ARRANGEMENTS, ELECTRICAL
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AMPS

SPECIFICATION SHEET NUMBER

MS 14057F

SUPERSEDING
MS14057E

AMSC N/A

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