

MIL-C-22992, Class L

how to order

Connectors are supplied with removable contacts unassembled and applicable accessories as listed in the individual connector style descriptions, pages 8 through 11. Additional/replacement contacts or accessories may be ordered by their MS designations.

Connectors are ordered by MS designation. To illustrate the ordering procedure, part number MS90555 C32412SY is shown as follows:

PART NUMBER

MS90555 C 32 4 12 S Y

1 2 3 4 5 6 7

1. MS Number -

- MS90555 designates wall mount receptacle (*power source*)
- MS90556 designates straight plug
- MS90557 designates cable connecting receptacle without coupling ring
- MS90558 designates wall mount plug with coupling ring (*equipment end*)

2. Shell Finish - C (conductive) for AC or N (nonconductive) for DC circuits.

Grounding Assemblies: Finish C

Shell Size	Current Rating Amps	Shell Master Key/Keyway Position						
		60Hz & 400Hz						
		1 Phase		3 Phase				
		2 Wire		3 Wire	4 Wire			
	120 VAC	240 VAC	120/240 VAC	450/480 VAC	120/208 VAC	240/416 VAC	277/480 VAC	
28	40	4 (120°)	5 (135°)	4 (120°)	---	4 (120°)	5 (135°)	6 (150°)
32	60	4 (120°)	5 (135°)	4 (120°)	---	4 (120°)	5 (135°)	6 (150°)
44	100	4 (120°)	---	4 (120°)	1 (60°)	4 (120°)	5 (135°)	6 (150°)
52	200	---	---	4 (120°)	---	4 (120°)	5 (135°)	6 (150°)

Non-grounding Assemblies: Finish N

Shell Size	Current Rating Amps	Shell Master/Keyway Position
		DC
		2 Wire
		28 VDC
28	40	N (105°)
32	60	N (105°)
44	100	N (105°)
52	200	N (105°)

3. Shell Size - related directly to current carrying capability.

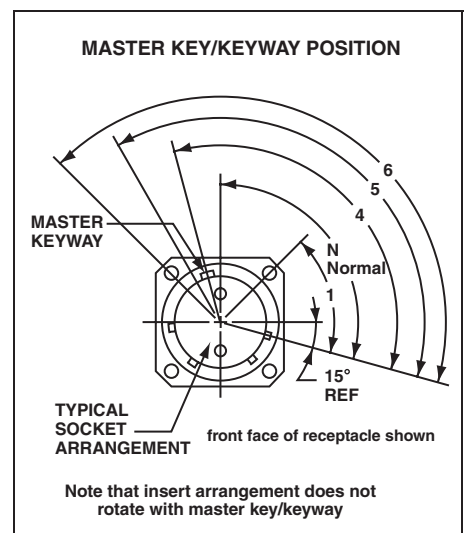
- Size 28 - 40 amperes
- Size 32 - 60 amperes
- Size 44 - 100 amperes
- Size 52 - 200 amperes

4. Master Key/Keyway Position - N designates normal position. Positions 1, 4, 5 and 6 of the master key/keyway prevent cross-mating of incompatible voltages. Refer to the adjacent illustration.

5. Insert Arrangement - determined by connector size (current carrying capability) and cable configuration to be accommodated. Refer to pages 5 & 6.

6. Contact Type - P for pin, S for socket. MS90555 and MS90557 are supplied with socket contacts **only**. MS90556 and MS90558 are supplied with pin contacts **only**.

7. Alternate Insert Rotation - used to prevent cross-mating of incompatible frequencies. Absence of a letter in this space indicates normal (0°) position of the insert. Refer to page 7.



Amphenol Federal Vendor Identification
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