

Easy Steps to build a part number... Class L Series

1.	2.	3.	4.	5.	6.	7.
MS Number	Shell Finish	Shell Size	Alternate Master Key/Keyway Position	Insert Arrangement	Contact Type	Alternate Insert Rotation
MS90555	C	32	4	12	S	Y
Commercial Number	Shell Finish	Shell Size	Alternate Master Key/Keyway Position	Insert Arrangement	Contact Type	Alternate Insert Rotation
CL90555*	C	32	4	12	S	Y

Step 1. Select a MS Number

Step 1. Select a Commercial Number

	Designates
MS90555	Wall Mount Receptacle (<i>Power Source</i>)
MS90556	Straight Plug
MS90557	Cable Connecting Receptacle without Coupling Ring
MS90558	Wall Mount Plug with Coupling Ring (<i>Equipment End</i>)

	Designates
CL90555	Wall Mount Receptacle (<i>Power Source</i>)
CL90556	Straight Plug
CL90557	Cable Connecting Receptacle without Coupling Ring
CL90558	Wall Mount Plug with Coupling Ring (<i>Equipment End</i>)

Step 2. Select a Shell Finish

	Designates
C	Conductive for AC circuits
N	Non-conductive for DC circuits

Grounding Assemblies: Finish C

Shell Size	Current Rating Amps	Shell Master Key/Keyway Position						
		60Hz & 400 Hz						
		1 Phase			3 Phase			
		2 Wire		3 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 Key/Keyway Position	
		DC	
		2 Wire	
		28 VDC	
28	40	N (105°)	
32	60	N (105°)	
44	100	N (105°)	
52	200	N (105°)	

Step 3. Select a Shell Size - (related directly to current carrying capability)

	Designates Current Carrying Capability
28	40 amperes
32	60 amperes
44	100 amperes
52	200 amperes

Step 4. Select an Alternate Master Key/Keyway Position if needed

N designates normal position. Positions 1, 4, 5 and 6 of the master key/keyway prevent cross-mating of incompatible voltages. See diagram on page 466.

Step 5. Select an Insert Arrangement

See pages 464-465 for available insert arrangements for Class L connectors. Insert arrangements are determined by connector size (current carrying capability) and cable configuration to be accommodated.

Step 6. Select a Contact Type

	Designates
P	Pin Contacts
S	Socket Contacts

MS90555/CL90555 and MS90557/CL90557 are supplied with socket contacts only. MS90556/CL90556 and MS90558/CL90558 are supplied with pin contacts only.

*Commercial Numbers are supplied less protection caps and strain reliefs which can be added separately.

Step 7. Select an Alternate Insert Rotation if needed

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 466.

38999

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

HIGH SPEED

Fiber Optics

Contacts Connectors Cables

EMI Filter Transient

26482 Matrix 2

83723 III Pyle

26500 Pyle

5015 Crimp Rear Release Matrix

22992 Class L

Back-Shell's

Options Others