CONTACT ARRANGEMENTS TABLE

Contact Arrangement	Number of Contacts	Service Rating	Contact Size and Q.ty					
			#16	#12	#8	#4	#1/0	#2/0
24-GL2	2	B			2			
24-22	4	E			4			
28-GL5	5	E			5			
28-GL2	2	B				2		
28-GL3	6	E	3		3			
32-2	5	B	2			3		
32-GL2	2	B					2	
32-GL12	1	B						1
32-17	4	B				4		
40-A4	6	E		2			4	
40-GL3	3	B					3	
40-GL31	4	E				1	3	
40-GL22	2	B						2
40-GL7	2	E		2		5		
40-GL33	6	E			3		3	

Rated Insulation Voltage Vac or Vdc
(according to EN 50124-1)

OV: OVERVOLTAGE CATEGORY
PD: POLLUTION DEGREE

OV1-PD1 (*)	OV2-PD1 (*)	OV3-PD1 (*)
1200V<V<1600V	<1200V	<900V

** : for a different value of OV and PD please ask to the factory*

Service Rating (according to MIL-DTL-5015)

Class	Operating voltage Vdc	Operating voltage Vac RMS	Test voltage Vac RMS
E	1750 V	1250 V	3500 V
B	2450 V	1750 V	4500 V

WIRE INSULATION DIAMETERS

Contact Size	Wire Size (AWG)	Max. Contact Resistance (mOhm)	Cable Overall Diameter Diameter Dimensions	
			Ø min.	Ø max.
16	16	12	1	4
	20	6		
12	12	3	2	5
8	8	1	4	8
4	4	0.5	7	12.7
1/0	1/0	0.3	10	15.8
	2/0	0.3	12	17.8

MATERIALS AND FINISHES

Components	Material	Finish
Contact, Size #1/0, #4 and #8	Pin contact and socket contact body: high conductive copper alloy Socket contact spring: beryllium copper	Silver - (flash Ni + (3÷6) µm Ag + passivation)
Contact, Size #12, #16	Pin contact and socket contact body: copper alloy Socket contact spring: stainless steel	Code 1: silver - (flash Cu + (3÷6) µm Ag + passivation) Code 2: gold - (2 µm Ni + (0.4÷0,6) µm Au)
Aluminum Shells, Coupling Nuts	Aluminum alloy	See Ordering Information
Stainless Steel Shells, Coupling Nuts	Stainless steel	Passivated
Insulator	Polytetrafluoroethylene	None
Sigle Wire Seals	Silicone rubber	None
EMI Spring	Beryllium copper	Silver-plated
Clinch Nut	Stainless steel	Passivated