

**Circular Multipole - continued**

**Miniature Circular 'Series 680' - continued**

Contact rating	5A@250V 2-8way 3A@250V 12+16way
Contact resistance	≤3mΩ
Insulation resistance	>10 <sup>10</sup> Ω (IEC512, part2)
Capacitance between adjacent contacts	2.5pF
Temperature range	-40°C to +85°C
Housing	Brass, nickel plating
Dielectric	PETP
Contact (socket)	Copper/tin alloy, silver plating
Contact (pins)	Copper/Zinc Alloy, Silver plating
Maximum wire size	0.75mm <sup>2</sup> 2-8way 0.25mm <sup>2</sup> 12+16way
Cable gland outlet	4-6mm

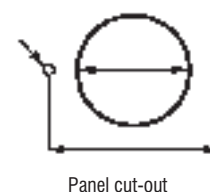
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No. of Ways	Mfrs. List No.	Order Code	1+	20+	50+	100+	+
<b>Free Plug</b>							
2	09 0301 00 02	659-125	324.00	272.00	247.00	220.00	--
2	09 0301 00 02	112-2582	324.00	272.00	247.00	220.00	--
3	09 0305 00 03	659-137	332.00	284.00	258.00	231.00	--
3	09 0305 00 03	112-2583	332.00	284.00	258.00	231.00	--
4	09 0309 00 04	659-149	359.00	306.00	279.00	247.00	--
4	09 0309 00 04	112-2584	359.00	306.00	279.00	247.00	--
5	09 0313 00 05	659-150	371.00	316.00	288.00	255.00	--
5	09 0313 00 05	112-2585	371.00	316.00	288.00	255.00	--
5	09 0317 00 05	112-2810	390.00	310.00	283.00	257.00	--
6	09 0321 00 06	659-162	384.00	350.00	330.00	303.00	--
6	09 0321 00 06	112-2586	384.00	350.00	330.00	303.00	--
7	09 0325 00 07	659-174	423.00	354.00	322.00	283.00	--
7	09 0325 00 07	112-2588	423.00	354.00	322.00	283.00	--
8	09 0571 00 08	112-2811	532.00	477.00	434.00	380.00	--
12	09 0329 00 12	112-2813	714.00	644.00	585.00	509.00	--
16	09 0337 00 16	112-2814	829.00	751.00	678.00	632.00	--
<b>Free Socket</b>							
2	09 0302 00 02	659-186	309.00	276.00	251.00	222.00	--
2	09 0302 00 02	112-2589	309.00	276.00	251.00	222.00	--
3	09 0306 00 03	659-198	337.00	290.00	263.00	234.00	--
3	09 0306 00 03	112-2590	337.00	290.00	263.00	234.00	--
4	09 0310 00 04	659-204	349.00	316.00	288.00	255.00	--
4	09 0310 00 04	112-2591	349.00	316.00	288.00	255.00	--
5	09 0314 00 05	659-216	376.00	318.00	290.00	257.00	--
5	09 0314 00 05	112-2592	376.00	318.00	290.00	257.00	--
5	09 0318 00 05	112-2815	390.00	316.00	288.00	255.00	--
6	09 0322 00 06	659-228	406.00	394.00	382.00	360.00	--
6	09 0322 00 06	112-2593	406.00	394.00	382.00	360.00	--
7	09 0326 00 07	659-230	438.00	382.00	348.00	309.00	--
7	09 0326 00 07	112-2594	438.00	382.00	348.00	309.00	--
8	09 0572 00 08	112-2816	544.00	485.00	441.00	392.00	--
12	09 0330 00 12	112-2817	762.00	680.00	619.00	549.00	--
16	09 0338 00 16	112-2818	1,023.00	889.00	807.00	717.00	--
<b>Panel Plug- Solder bucket contacts</b>							
2	09 0303 00 02	659-241	256.00	224.00	204.00	181.00	--
2	09 0303 00 02	112-2595	256.00	224.00	204.00	181.00	--
3	09 0307 00 03	659-253	273.00	234.00	212.00	189.00	--
3	09 0307 00 03	112-2596	273.00	234.00	212.00	189.00	--
4	09 0311 00 04	659-265	273.00	255.00	231.00	206.00	--
4	09 0311 00 04	112-2597	273.00	255.00	231.00	206.00	--
5	09 0315 00 05	659-277	279.00	240.00	220.00	195.00	--
5	09 0315 00 05	112-2598	279.00	240.00	220.00	195.00	--
5	09 0319 00 05	112-2823	309.00	255.00	231.00	206.00	--
6	09 0323 00 06	659-289	319.00	274.00	249.00	222.00	--
6	09 0323 00 06	112-2600	319.00	274.00	249.00	222.00	--
7	09 0327 00 07	659-290	333.00	286.00	260.00	231.00	--
7	09 0327 00 07	112-2601	333.00	286.00	260.00	231.00	--
8	09 0473 00 08	112-2825	507.00	485.00	441.00	392.00	--
12	09 0331 00 12	112-2826	649.00	580.00	528.00	469.00	--
16	09 0339 00 16	112-2827	971.00	815.00	740.00	658.00	--
<b>Panel Socket- Solder bucket contacts</b>							
2	09 0304 00 02	659-307	252.00	222.00	202.00	180.00	--
2	09 0304 00 02	112-2602	252.00	222.00	202.00	180.00	--
3	09 0308 00 03	659-319	278.00	236.00	215.00	191.00	--
3	09 0308 00 03	112-2603	278.00	236.00	215.00	191.00	--
4	09 0312 00 04	659-320	280.00	242.00	222.00	197.00	--
4	09 0312 00 04	112-2604	280.00	242.00	222.00	197.00	--
5	09 0316 00 05	659-332	285.00	240.00	220.00	195.00	--
5	09 0316 00 05	112-2606	285.00	240.00	220.00	195.00	--
5	09 0320 00 05	112-2819	336.00	249.00	226.00	202.00	--
6	09 0324 00 06	659-344	297.00	268.00	257.00	236.00	--
6	09 0324 00 06	112-2607	297.00	268.00	257.00	236.00	--
7	09 0328 00 07	659-356	391.00	335.00	305.00	284.00	--
7	09 0328 00 07	112-2608	391.00	335.00	305.00	284.00	--
8	09 0474 00 08	112-2820	492.00	440.00	400.00	356.00	--
12	09 0332 00 12	112-2821	666.00	594.00	540.00	480.00	--
16	09 0340 00 16	112-2822	1,074.00	886.00	806.00	717.00	--

**'CA' Series Screwlocking 3, 6 Way + Earth 10/16A-IP67**



- Plastic screwlocking, suitable for process control and industrial application
- Sealed to IP67
- Approvals, DIN, VDE, SEV and UL Recognised



Panel cut-out

Contact Rating	16A @ 380Vac/450V dc (3 way) 16A @ 250Vac/300V dc (6 way) 3mΩ (3 way)5 5mΩ (6 way)
Contact Resistance	
Temperature range	-40°C to +90°C
Housing	Glass-fibre reinforced Polyamide, <b>UL94V-1</b>
Contact Bearer	Glass-fibre reinforced Polyamide, <b>UL94V-1</b>
Contacts	Copper alloy, Silver plated
Protection	IP67 (DIN 40 050)
Wire conductor size	1.5mm <sup>2</sup> /16 AWG (3 Way) 0.75mm <sup>2</sup> /19 AWG (6 Way)
Cable Glands	PG9 (Cable=6-8mm max)
Terminations	Screw (3 Ways) Solder (6 Ways)

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Free Plug	Mfrs. List No.	Order Code	1+	10+	25+	50+	+
3 + Earth	CA3LS	361-1851	481.00	447.00	428.00	350.00	--
6 + Earth	CA6LS	361-1899	446.00	389.00	337.00	276.00	--
<b>Free Socket</b>							
3 + Earth	CA3LD	361-1863	523.00	444.00	413.00	355.00	--
6 + Earth	CA6LD	361-1905	674.00	603.00	510.00	416.00	--
<b>Panel Plug</b>							
3 + Earth	CA3GS	494-665	300.00	256.00	227.00	186.00	--
6 + Earth	CA6GS	494-677	267.00	228.00	204.00	165.00	--
<b>Panel Socket</b>							
3 + Earth	CA3GD	494-689	333.00	284.00	254.00	206.00	--
6 + Earth	CA6GD	494-690	497.00	425.00	378.00	309.00	--
<b>Protective Cap</b>							
Cover for panel plug	CA00SD2	494-707	260.00	236.00	214.00	--	--
Cover for panel socket	CA00SD4	494-719	260.00	236.00	214.00	--	--

**'C16-1' Plastic screwlocking 3,6 Way + Earth 10/16A-IP67**



- Ideal for power and signal application
- Threaded coupling
- High grade plastic housing
- Approvals, VDE, SEV, CL, GL, CSA & UL Recognised

Contact Rating	16A @ 380Vac/450Vdc (45°C) 10A @ 250Vac/300Vdc (45°C)	(3 Way) Temperature range	-40°C to +100°C
Contact Resistance	≤mΩ	(6 Way) Housing	Polyamide 6.6 UL94V-0
Insulation Resistance	≥ 10 <sup>9</sup> MΩ	Contacts	Polyamide 6.6 UL94V-0 Copper alloy, Silver plated