



PART NUMBER:	DATE:
PROJECT #:	TYPE:
PREPARED BY:	

CLEAR MULTI-TAP INSULATED LUGS TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The aluminum multi-tap encapsulated insulated lugs feature a clear PVC insulation allowing for visibility while working. A wide range of sizes and configurations are available for near limitless applications. All models are UL listed and meet or exceed ANSI C119.4 specifications.



FEATURES

- Amperage Rating: 1000
- Wattage: 35 kW
- Dual rated for use with copper and / or aluminum.
- Insulated with high dielectric strength plastisol.
- Pre-filled with oxide inhibitor to prevent oxidation, moisture and contaminants from entering contact area.
- Abrasion and chemical resistant
- Cold temperature rated up to -45°C
- cULus listed to 486A and 486B
- Rated for 600 volts / 90°C

PHYSICAL SPECIFICATIONS

Material: Plastisol

Color: Clear

MADE IN INDIA

APPLICATIONS

- Commercial
- Industrial



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ORDERING INFORMATION

PART NUMBER	STOCK CODE	DESCRIPTION	TRADE SIZE	SCREW SIZE	PACK QTY
F4P ILC2/0-2	0554-7285	2/0 AWG 2 PORT MULTI-TAP	2/0-6	ALLEN 3/8"X12.6L	10
F4P ILC2/0-3	0554-7288	2/0 AWG 3 PORT MULTI-TAP	2/0-6	1/4"-9MM LONG	8
F4P ILC2/0-3S	0554-7291	2/0 AWG 3 PORT 1 WAY MULTI-TAP	2/0-6	ALLEN 3/8"X12.6L	8
F4P ILC2/0-4	0554-7294	2/0 AWG 4 PORT MULTI-TAP	2/0-6	1/4"-9MM LONG	6
F4P ILC2/0-4S	0554-7297	2/0 AWG 4 PORT 1 WAY MULTI-TAP	2/0-6	ALLEN 3/8"X12.6L	6
F4P ILC2/0-5	0554-7300	2/0 AWG 5 PORT MULTI-TAP	2/0-6	1/4"-9MM LONG	4
F4P ILC2/0-5S	0554-7303	2/0 AWG 5 PORT 1 WAY MULTI-TAP	2/0-6	ALLEN 3/8"X12.6L	4
F4P ILC2/0-6	0554-7306	2/0 AWG 6 PORT MULTI-TAP	2/0-6	1/4"-9MM LONG	4
F4P ILC2/0-6S	0554-7309	2/0 AWG 6 PORT 1 WAY MULTI-TAP	2/0-6	ALLEN 3/8"X12.6L	4
F4P ILC2/0-7	0554-7312	2/0 AWG 7 PORT MULTI-TAP	2/0-6	1/4"-9MM LONG	3
F4P ILC2/0-8	0554-7315	2/0 AWG 8 PORT MULTI-TAP	2/0-6	1/4"-9MM LONG	3
F4P ILC250-2	0554-7318	250 MCM 2 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	6
F4P ILC250-3	0554-7321	250 MCM 3 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	6
F4P ILC250-3S	0554-7324	250 MCM 3 PORT 1 WAY MULTI-TAP	250-6	ALLEN 3/8"X12.6L	6
F4P ILC250-4	0554-7327	250 MCM 4 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	4
F4P ILC250-4S	0554-7330	250 MCM 4 PORT 1 WAY MULTI-TAP	250-6	ALLEN 3/8"X12.6L	4
F4P ILC250-5	0554-7333	250 MCM 5 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	4
F4P ILC250-5S	0556-6569	250 MCM 5 PORT 1 WAY MULTI-TAP	250-6	ALLEN 3/8"X12.6L	4
F4P ILC250-6	0554-7336	250 MCM 6 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	3
F4P ILC250-7	0554-7339	250 MCM 7 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	3
F4P ILC250-8	0554-7342	250 MCM 8 PORT MULTI-TAP	250-6	ALLEN 3/8"X12.6L	3
F4P ILC350-2	0554-7345	350 MCM 2 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	6
F4P ILC350-3	0554-7348	350 MCM 3 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	6
F4P ILC350-3S	0554-7351	350 MCM 3 PORT 1 WAY MULTI-TAP	350-6	ALLEN 3/8"X12.6L	6
F4P ILC350-4	0554-7354	350 MCM 4 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	4
F4P ILC350-4S	0554-7357	350 MCM 4 PORT 1 WAY MULTI-TAP	350-6	ALLEN 3/8"X12.6L	4
F4P ILC350-5	0554-7360	350 MCM 5 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	4
F4P ILC350-5S	0554-7363	350 MCM 5 PORT 1 WAY MULTI-TAP	350-6	ALLEN 3/8"X12.6L	4
F4P ILC350-6	0554-7366	350 MCM 6 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	3
F4P ILC350-6S	0554-7369	350 MCM 6 PORT 1 WAY MULTI-TAP	350-6	ALLEN 3/8"X12.6L	3
F4P ILC350-7	0554-7372	350 MCM 7 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	3
F4P ILC350-8	0554-7375	350 MCM 8 PORT MULTI-TAP	350-6	ALLEN 3/8"X12.6L	3



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F4P ILC4-2	0554-7378	4-14 AWG 2 PORT MULTI-TAP	4-14	-	120
F4P ILC4-2S	0554-7381	4-14 AWG 2 PORT 1 WAY MULTI-TAP	4-14	-	120
F4P ILC4-3	0554-7384	4-14 AWG 3 PORT MULTI-TAP	4-14	1/4"-9MM LONG	60
F4P ILC4-3S	0554-7387	4-14 AWG 3 PORT 1 WAY MULTI-TAP	4-14	5/16"-11.20 L	60
F4P ILC4-4	0554-7390	4-14 AWG 4 PORT MULTI-TAP	4-14	1/4"-9MM LONG	60
F4P ILC4-4S	0554-7393	4-14 AWG 4 PORT 1 WAY MULTI-TAP	4-14	5/16"-11.20 L	60
F4P ILC4-5	0554-7396	4-14 AWG 5 PORT MULTI-TAP	4-14	1/4"-9MM LONG	60
F4P ILC4-5S	0554-7399	4-14 AWG 5 PORT 1 WAY MULTI-TAP	4-14	5/16"-11.20 L	60
F4P ILC4-6	0554-7402	4-14 AWG 6 PORT MULTI-TAP	4-14	1/4"-9MM LONG	40
F4P ILC4-8	0554-7405	4-14 AWG 8 PORT MULTI-TAP	4-14	1/4"-9MM LONG	30
F4P ILC500-2	0554-7408	500 MCM 2 PORT MULTI-TAP	500-6	ALLEN 3/8"X12.6L	32
F4P ILC500-3	0554-7411	500 MCM 3 PORT MULTI-TAP	500-4	ALLEN 3/8"X12.6L	16
F4P ILC500-4	0554-7414	500 MCM 4 PORT MULTI-TAP	500-4	ALLEN 3/8"X12.6L	16
F4P ILC500-4S	0554-7417	500 MCM 4 PORT 1 WAY MULTI-TAP	500-4	ALLEN 3/8"X12.6L	16
F4P ILC500-5	0554-7420	500 MCM 5 PORT MULTI-TAP	500-4	ALLEN 3/8"X12.6L	16
F4P ILC500-6	0554-7423	500 MCM 6 PORT MULTI-TAP	500-4	ALLEN 3/8"X12.6L	8
F4P ILC500-6S	0554-7426	500 MCM 6 PORT 1 WAY MULTI-TAP	500-4	ALLEN 3/8"X12.6L	8
F4P ILC500-7	0554-7429	500 MCM 7 PORT MULTI-TAP	500-4	ALLEN 3/8"X12.6L	8
F4P ILC500-8	0554-7432	500 MCM 8 PORT MULTI-TAP	500-4	ALLEN 3/8"X12.6L	8
F4P ILC500-8S	0554-7435	500 MCM 8 PORT 1 WAY MULTI-TAP	500-4	ALLEN 3/8"X12.6L	8
F4P ILC750-10	0554-7438	750 MCM 10 PORT MULTI-TAP	750-250	ALLEN 1"X 29 L	8
F4P ILC750-2	0554-7441	750 MCM 2 PORT MULTI-TAP	750-250	ALLEN 3/8"X12.6L	16
F4P ILC750-3	0554-7444	750 MCM 3 PORT MULTI-TAP	750-250	ALLEN 7/8" X 29L	16
F4P ILC750-4	0554-7447	750 MCM 4 PORT MULTI-TAP	750-250	ALLEN 7/8" X 29L	16
F4P ILC750-5	0554-7450	750 MCM 5 PORT MULTI-TAP	750-250	ALLEN 1"X 29 L	16
F4P ILC750-6	0554-7453	750 MCM 6 PORT MULTI-TAP	750-250	ALLEN 7/8" X 29L	16
F4P ILC750-7	0554-7456	750 MCM 7 PORT MULTI-TAP	750-250	ALLEN 7/8" X 29L	8
F4P ILC750-8	0554-7459	750 MCM 8 PORT MULTI-TAP	750-250	ALLEN 7/8" X 29L	8
F4P ISR2/0	0381-8280	2/0 AWG STRAIGHT CABLE SPLICE	2/0-6	ALLEN 3/8"X 12.6L	40
F4P ISR250	0381-8283	250 MCM STRAIGHT CABLE SPLICE	250-6	5/16"-11.20 L	16
F4P ISR350	0381-8286	350 MCM STRAIGHT CABLE SPLICE	350-6	5/16"-11.20 L	16
F4P ISR500	0381-8289	500 MCM STRAIGHT CABLE SPLICE	500-6	5/16"-11.20 L	16



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TEST CURRENT FOR CONNECTORS INTENDED FOR A SINGLE CONDUCTOR, A

Conductor size, AWG or kcmil (mm ²)	COPPER				ALUMINUM AND COPPER-CLAD ALUMINUM				On (and off) times for current-cycling hours ^f
	Assigned maximum ampere rating ^b	Static heating ^{a,c,g}	Current-Cycling connector temperature rating ^a		Assigned maximum ampere rating ^b	Static heating ^{a,c,g}	Current-cycling connector temperature rating ^a		
			75°C ^{d,g}	90°C ^{e,g}			75°C ^{d,g}	90°C ^{e,g}	
30 [0.05]	0.5	3	3.5	4	-	-	-	-	1
28 [0.08]	0.8	3.5	4	5	-	-	-	-	1
26 [0.13]	1	5.5	6	8	-	-	-	-	1
24 [0.20]	2	7	8	10	-	-	-	-	1
22 [0.32]	3	9	12	13	-	-	-	-	1
20 [0.52]	5	12	16	17	-	-	-	-	1
18 [0.82]	7	17	19	24	-	-	-	-	1
16 [1.31]	10	18	20	31	-	-	-	-	1
14 [2.08]	15	[20] 30	[22] 33	[27] 40	-	-	-	-	1
12 [3.31]	20	[25] 35	[28] 39	[40] 54	15	[20] 30	[22] 33	[29] 43	1
10 [5.26]	30	[40] 50	[45] 56	[60] 75	25	[30] 40	[34] 45	[46] 60	1
8 [8.37]	50	70	80	100	40	55	60	77	1
6 [13.3]	65	95	105	131	50	75	85	102	1
4 [21.2]	85	125	140	175	65	100	110	140	1
3 [26.7]	100	145	165	205	75	115	125	160	1
2 [33.6]	115	170	190	240	90	135	150	190	1
1 [42.4]	130	195	220	275	100	155	175	215	1
1/0 [53.5]	150	230	255	320	120	180	200	250	1
2/0 [67.4]	175	265	300	370	135	210	230	295	1
3/0 [85.0]	200	310	345	435	155	240	270	335	1
4/0 [107]	230	360	405	505	180	280	315	390	1-1/2
250 [127]	255	405	445	565	205	315	350	440	1-1/2
300 [152]	285	445	500	625	230	350	390	490	1-1/2
350 [177]	310	505	555	708	250	395	435	555	1-1/2
400 [203]	335	545	605	765	270	425	470	595	1-1/2
500 [253]	380	620	690	870	310	485	540	680	2
600 [304]	420	690	775	968	340	540	600	760	2
700 [355]	460	755	850	1055	375	595	675	835	2
750 [380]	475	785	885	1100	385	620	700	870	2
800 [405]	490	815	920	1140	395	645	725	905	2
900 [456]	520	870	980	1220	425	700	785	980	2
1000 [507]	545	935	1045	1310	445	750	840	1050	2
1250 [633]	590	1065	1185	1490	485	855	950	1195	3
1500 [760]	625	1175	1320	1645	520	950	1065	1330	3
1750 [887]	650	1280	1435	1790	545	1050	1175	1470	3
2000 [1010]	665	1385	1540	1940	560	1150	1280	1610	3

RESOURCES

MSDS/EDS/PRODUCT DATA SHEETS: f4p-usa.com

CUSTOMER SERVICE: 772-408-5211

DISCLAIMER

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies. No other warranties apply, including fitness for a particular purpose.