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| 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
- Rated for both AC and DC current

PHYSICAL SPECIFICATIONS

Material: Plastisol

Color: Clear

MADE IN INDIA

APPLICATIONS

- Commercial
- Industrial



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ORDERING INFORMATION

| PART NUMBER | STOCK CODE | DESCRIPTION |
|---------------|------------|--------------------------------------|
| F4P ILC1/0-2S | 0587-5908 | 4-14AWG 4 PORT 1 WAY CLEAR MULTI-TAP |
| F4P ILC1/0-3S | 0587-5722 | 1/0AWG 3 PORT 1 WAY CLEAR MULTI-TAP |
| F4P ILC1/0-4S | 0587-5794 | 1/0AWG 4 PORT 1 WAY CLEAR MULTI-TAP |
| F4P ILC2/0-2 | 0554-7285 | 2/0 AWG 2 PORT MULTI-TAP |
| F4P ILC2/0-3 | 0554-7288 | 2/0 AWG 3 PORT MULTI-TAP |
| F4P ILC2/0-3S | 0554-7291 | 2/0 AWG 3 PORT 1 WAY MULTI-TAP |
| F4P ILC2/0-4 | 0554-7294 | 2/0 AWG 4 PORT MULTI-TAP |
| F4P ILC2/0-4S | 0554-7297 | 2/0 AWG 4 PORT 1 WAY MULTI-TAP |
| F4P ILC2/0-5 | 0554-7300 | 2/0 AWG 5 PORT MULTI-TAP |
| F4P ILC2/0-5S | 0554-7303 | 2/0 AWG 5 PORT 1 WAY MULTI-TAP |
| F4P ILC2/0-6 | 0554-7306 | 2/0 AWG 6 PORT MULTI-TAP |
| F4P ILC2/0-6S | 0554-7309 | 2/0 AWG 6 PORT 1 WAY MULTI-TAP |
| F4P ILC2/0-7 | 0554-7312 | 2/0 AWG 7 PORT MULTI-TAP |
| F4P ILC2/0-8 | 0554-7315 | 2/0 AWG 8 PORT MULTI-TAP |
| F4P ILC250-2 | 0554-7318 | 250 MCM 2 PORT MULTI-TAP |
| F4P ILC250-3 | 0554-7321 | 250 MCM 3 PORT MULTI-TAP |
| F4P ILC250-3S | 0554-7324 | 250 MCM 3 PORT 1 WAY MULTI-TAP |
| F4P ILC250-4 | 0554-7327 | 250 MCM 4 PORT MULTI-TAP |
| F4P ILC250-4S | 0554-7330 | 250 MCM 4 PORT 1 WAY MULTI-TAP |
| F4P ILC250-5 | 0554-7333 | 250 MCM 5 PORT MULTI-TAP |
| F4P ILC250-5S | 0556-6569 | 250 MCM 5 PORT 1 WAY MULTI-TAP |
| F4P ILC250-6 | 0554-7336 | 250 MCM 6 PORT MULTI-TAP |
| F4P ILC250-7 | 0554-7339 | 250 MCM 7 PORT MULTI-TAP |
| F4P ILC250-8 | 0554-7342 | 250 MCM 8 PORT MULTI-TAP |
| F4P ILC3/0-2S | 0587-5914 | 1/0AWG 2 PORT 1 WAY CLEAR MULTI-TAP |
| F4P ILC3/0-3 | 0587-5920 | 3/0AWG 3 PORT CLEAR MULTI-TAP |
| F4P ILC3/0-3S | 0587-5812 | 3/0AWG 3 PORT 1 WAY CLEAR MULTI-TAP |
| F4P ILC350-2 | 0554-7345 | 350 MCM 2 PORT MULTI-TAP |
| F4P ILC350-3 | 0554-7348 | 350 MCM 3 PORT MULTI-TAP |
| F4P ILC350-3S | 0554-7351 | 350 MCM 3 PORT 1 WAY MULTI-TAP |
| F4P ILC350-4 | 0554-7354 | 350 MCM 4 PORT MULTI-TAP |
| F4P ILC350-4S | 0554-7357 | 350 MCM 4 PORT 1 WAY MULTI-TAP |
| F4P ILC350-5 | 0554-7360 | 350 MCM 5 PORT MULTI-TAP |
| F4P ILC350-5S | 0554-7363 | 350 MCM 5 PORT 1 WAY MULTI-TAP |
| F4P ILC350-6 | 0554-7366 | 350 MCM 6 PORT MULTI-TAP |
| F4P ILC350-6S | 0554-7369 | 350 MCM 6 PORT 1 WAY MULTI-TAP |
| F4P ILC350-7 | 0554-7372 | 350 MCM 7 PORT MULTI-TAP |



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| F4P ILC350-8 | 0554-7375 | 350 MCM 8 PORT MULTI-TAP |
| F4P ILC4-2 | 0554-7378 | 4-14 AWG 2 PORT MULTI-TAP |
| F4P ILC4-2S | 0554-7381 | 4-14 AWG 2 PORT 1 WAY MULTI-TAP |
| F4P ILC4-3 | 0554-7384 | 4-14 AWG 3 PORT MULTI-TAP |
| F4P ILC4-3S | 0554-7387 | 4-14 AWG 3 PORT 1 WAY MULTI-TAP |
| F4P ILC4-4 | 0554-7390 | 4-14 AWG 4 PORT MULTI-TAP |
| F4P ILC4-4S | 0554-7393 | 3/0AWG 2 PORT 1 WAY CLEAR MULTI-TAP |
| F4P ILC4-5 | 0554-7396 | 4-14 AWG 5 PORT MULTI-TAP |
| F4P ILC4-5S | 0554-7399 | 4-14 AWG 5 PORT 1 WAY MULTI-TAP |
| F4P ILC4-6 | 0554-7402 | 4-14 AWG 6 PORT MULTI-TAP |
| F4P ILC4-8 | 0554-7405 | 4-14 AWG 8 PORT MULTI-TAP |
| F4P ILC500-2 | 0554-7408 | 500 MCM 2 PORT MULTI-TAP |
| F4P ILC500-3 | 0554-7411 | 500 MCM 3 PORT MULTI-TAP |
| F4P ILC500-4 | 0554-7414 | 500 MCM 4 PORT MULTI-TAP |
| F4P ILC500-4S | 0554-7417 | 500 MCM 4 PORT 1 WAY MULTI-TAP |
| F4P ILC500-5 | 0554-7420 | 500 MCM 5 PORT MULTI-TAP |
| F4P ILC500-6 | 0554-7423 | 500 MCM 6 PORT MULTI-TAP |
| F4P ILC500-6S | 0554-7426 | 500 MCM 6 PORT 1 WAY MULTI-TAP |
| F4P ILC500-7 | 0554-7429 | 500 MCM 7 PORT MULTI-TAP |
| F4P ILC500-8 | 0554-7432 | 500 MCM 8 PORT MULTI-TAP |
| F4P ILC500-8S | 0554-7435 | 500 MCM 8 PORT 1 WAY MULTI-TAP |
| F4P ILC600-2 | 0587-5953 | 600MCM 2 PORT CLEAR MULTI-TAP |
| F4P ILC750-10 | 0554-7438 | 750 MCM 10 PORT MULTI-TAP |
| F4P ILC750-2 | 0554-7441 | 750 MCM 2 PORT MULTI-TAP |
| F4P ILC750-3 | 0554-7444 | 750 MCM 3 PORT MULTI-TAP |
| F4P ILC750-4 | 0554-7447 | 750 MCM 4 PORT MULTI-TAP |
| F4P ILC750-5 | 0554-7450 | 750 MCM 5 PORT MULTI-TAP |
| F4P ILC750-6 | 0554-7453 | 750 MCM 6 PORT MULTI-TAP |
| F4P ILC750-7 | 0554-7456 | 750 MCM 7 PORT MULTI-TAP |
| F4P ILC750-8 | 0554-7459 | 750 MCM 8 PORT MULTI-TAP |
| F4P ISR2/0 | 0381-8280 | 2/0 AWG STRAIGHT CABLE SPLICE |
| F4P ISR250 | 0381-8283 | 250 MCM STRAIGHT CABLE SPLICE |
| F4P ISR350 | 0381-8286 | 350 MCM STRAIGHT CABLE SPLICE |
| F4P ISR500 | 0381-8289 | 500 MCM STRAIGHT CABLE SPLICE |
| F4P ISRC1/0 | 0587-5959 | 1/0 AWG STRAIGHT CABLE SPLICE CLEAR |



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| PART NUMBER: | DATE: |
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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.