

ClearTap® Two Wire In-Line and Offset Insulated Splicer-Reducer Connectors

TYPE ECT

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Transparent cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- Inspectability
- Entry port closure
- Prevents oxides from forming

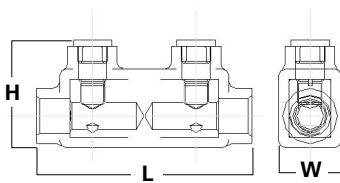


Fig. 1



Fig. 2

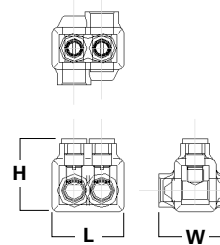


Fig. 3

| Catalog Number | Figure No. | No. Of Ports | Conductor Range | Dimensions | | | Hex Size |
|----------------|------------|--------------|-------------------|------------|------|------|----------|
| | | | | L | W | H | |
| ECT-1/0 | 1 | - | 1/0-14 | 3.11 | 0.94 | 1.44 | 3/16 |
| ECT-250 | 1 | - | 250kcmil-6 | 4.28 | 1.06 | 2.04 | 5/16 |
| ECT-350 | 1 | - | 350kcmil-6 | 4.75 | 1.31 | 2.43 | 5/16 |
| ECT-500 | 1 | - | 500kcmil-4 | 5.38 | 1.44 | 3.03 | 3/8 |
| ECT-750 | 3 | - | 750kcmil-250kcmil | 7.25 | 1.75 | 3.31 | 3/8 |
| ECTO-4 | 2 | 2 | 4-14 | 1.17 | 1.25 | 1.31 | 1/8 |
| ECTO-1/0 | 2 | 2 | 1/0-14 | 1.63 | 1.63 | 1.63 | 3/16 |
| ECTO-3/0 | 2 | 2 | 3/0-6 | 1.89 | 1.68 | 1.86 | 1/4 |

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps

Replacement caps & plugs available. Consult Factory

Tested to UL 486A/B, UL File E6207

ClearTap® Insulated Multi-Tap Connectors Dual Sided Entry

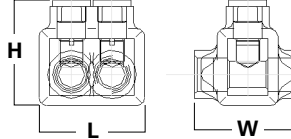
TYPE ECTD

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
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| Catalog Number | No. Of Ports | Conductor Range | Dimensions | | | Hex Size |
|----------------|--------------|-----------------|------------|-------|-------|----------|
| | | | L | W | H | |
| ECTD-2-4 | 2 | 4-14 | 1.24 | 1.25 | 1.42 | 1/8 |
| ECTD-3-4 | 3 | 4-14 | 1.70 | 1.25 | 1.42 | 1/8 |
| ECTD-4-4 | 4 | 4-14 | 2.16 | 1.25 | 1.42 | 1/8 |
| ECTD-5-4 | 5 | 4-14 | 2.61 | 1.25 | 1.42 | 1/8 |
| ECTD-6-4 | 6 | 4-14 | 3.07 | 1.25 | 1.42 | 1/8 |
| ECTD-7-4 | 7 | 4-14 AWG | 3.53 | 1.394 | 1.42 | 1/8 |
| ECTD-8-4 | 8 | 4-14 AWG | 3.99 | 1.394 | 1.42 | 1/8 |
| ECTD-9-4 | 9 | 4-14 AWG | 4.45 | 1.394 | 1.42 | 1/8 |
| ECTD-10-4 | 10 | 4-14 AWG | 4.9 | 1.394 | 1.42 | 1/8 |
| ECTD-11-4 | 11 | 4-14 AWG | 5.36 | 1.394 | 1.42 | 1/8 |
| ECTD-12-4 | 12 | 4-14 AWG | 5.82 | 1.394 | 1.42 | 1/8 |
| ECTD-13-4 | 13 | 4-14 AWG | 6.28 | 1.394 | 1.42 | 1/8 |
| ECTD-14-4 | 14 | 4-14 AWG | 6.74 | 1.394 | 1.42 | 1/8 |
| ECTD-2-1/0 | 2 | 1/0-14 | 1.67 | 1.63 | 1.63 | 3/16 |
| ECTD-3-1/0 | 3 | 1/0-14 | 2.29 | 1.63 | 1.63 | 3/16 |
| ECTD-4-1/0 | 4 | 1/0-14 | 2.92 | 1.63 | 1.63 | 3/16 |
| ECTD-5-1/0 | 5 | 1/0-14 | 3.54 | 1.63 | 1.63 | 3/16 |
| ECTD-6-1/0 | 6 | 1/0-14 | 4.17 | 1.63 | 1.63 | 3/16 |
| ECTD-7-1/0 | 7 | 1/0-14 AWG | 4.748 | 1.825 | 1.63 | 3/16 |
| ECTD-8-1/0 | 8 | 1/0-14 AWG | 5.373 | 1.825 | 1.63 | 3/16 |
| ECTD-9-1/0 | 9 | 1/0-14 AWG | 5.998 | 1.825 | 1.63 | 3/16 |
| ECTD-10-1/0 | 10 | 1/0-14 AWG | 6.623 | 1.825 | 1.63 | 3/16 |
| ECTD-11-1/0 | 11 | 1/0-14 AWG | 7.248 | 1.825 | 1.63 | 3/16 |
| ECTD-12-1/0 | 12 | 1/0-14 AWG | 7.873 | 1.825 | 1.63 | 3/16 |
| ECTD-13-1/0 | 13 | 1/0-14 AWG | 8.498 | 1.825 | 1.63 | 3/16 |
| ECTD-14-1/0 | 14 | 1/0-14 AWG | 9.123 | 1.825 | 1.63 | 3/16 |
| ECTD-2-3/0 | 2 | 3/0-6 | 1.89 | 1.68 | 1.86 | 1/4 |
| ECTD-3-3/0 | 3 | 3/0-6 | 2.65 | 1.68 | 1.86 | 1/4 |
| ECTD-4-3/0 | 4 | 3/0-6 | 3.42 | 1.68 | 1.86 | 1/4 |
| ECTD-5-3/0 | 5 | 3/0-6 | 4.18 | 1.68 | 1.86 | 1/4 |
| ECTD-6-3/0 | 6 | 3/0-6 | 4.95 | 1.68 | 1.86 | 1/4 |
| ECTD-7-3/0 | 7 | 3/0-6 AWG | 5.71 | 2.277 | 2.019 | 1/4 |
| ECTD-8-3/0 | 8 | 3/0-6 AWG | 6.48 | 2.277 | 2.019 | 1/4 |
| ECTD-9-3/0 | 9 | 3/0-6 AWG | 7.24 | 2.277 | 2.019 | 1/4 |
| ECTD-10-3/0 | 10 | 3/0-6 AWG | 8.01 | 2.277 | 2.019 | 1/4 |
| ECTD-11-3/0 | 11 | 3/0-6 AWG | 8.77 | 2.277 | 2.019 | 1/4 |
| ECTD-12-3/0 | 12 | 3/0-6 AWG | 9.54 | 2.277 | 2.019 | 1/4 |
| ECTD-13-3/0 | 13 | 3/0-6 AWG | 10.3 | 2.277 | 2.019 | 1/4 |
| ECTD-14-3/0 | 14 | 3/0-6 AWG | 11.07 | 2.277 | 2.019 | 1/4 |

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps. For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17. Replacement caps & plugs available. Consult Factory Tested to UL 486A/B, UL File E6207

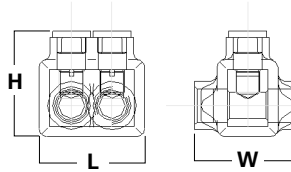
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| Catalog Number | No. Of Ports | Conductor Range | Dimensions | | | Hex Size |
|----------------|--------------|-----------------|------------|-------|-------|----------|
| | | | L | W | H | |
| ECTD-2-250 | 2 | 250kcmil-6 | 2.17 | 2.13 | 2.17 | 5/16 |
| ECTD-3-250 | 3 | 250kcmil-6 | 3.07 | 2.13 | 2.17 | 5/16 |
| ECTD-4-250 | 4 | 250kcmil-6 | 3.96 | 2.13 | 2.17 | 5/16 |
| ECTD-5-250 | 5 | 250kcmil-6 | 4.85 | 2.13 | 2.17 | 5/16 |
| ECTD-6-250 | 6 | 250kcmil-6 | 5.75 | 2.13 | 2.17 | 5/16 |
| ECTD-7-250 | 7 | 250 kcmil-6 AWG | 6.76 | 2.318 | 2.041 | 5/16 |
| ECTD-8-250 | 8 | 250 kcmil-6 AWG | 7.69 | 2.318 | 2.041 | 5/16 |
| ECTD-9-250 | 9 | 250 kcmil-6 AWG | 8.62 | 2.318 | 2.041 | 5/16 |
| ECTD-10-250 | 10 | 250 kcmil-6 AWG | 9.55 | 2.318 | 2.041 | 5/16 |
| ECTD-11-250 | 11 | 250 kcmil-6 AWG | 10.48 | 2.318 | 2.041 | 5/16 |
| ECTD-12-250 | 12 | 250 kcmil-6 AWG | 11.41 | 2.318 | 2.041 | 5/16 |
| ECTD-13-250 | 13 | 250 kcmil-6 AWG | 12.34 | 2.318 | 2.041 | 5/16 |
| ECTD-14-250 | 14 | 250 kcmil-6 AWG | 14.27 | 2.318 | 2.041 | 5/16 |
| ECTD-2-350 | 2 | 350kcmil-6 | 2.51 | 2.25 | 2.62 | 5/16 |
| ECTD-3-350 | 3 | 350kcmil-6 | 3.56 | 2.25 | 2.62 | 5/16 |
| ECTD-4-350 | 4 | 350kcmil-6 | 4.61 | 2.25 | 2.62 | 5/16 |
| ECTD-5-350 | 5 | 350kcmil-6 | 5.67 | 2.25 | 2.62 | 5/16 |
| ECTD-6-350 | 6 | 350kcmil-6 | 6.71 | 2.25 | 2.62 | 5/16 |
| ECTD-7-350 | 7 | 350 kcmil-6 AWG | 8.248 | 2.578 | 2.396 | 5/16 |
| ECTD-8-350 | 8 | 350 kcmil-6 AWG | 9.404 | 2.578 | 2.396 | 5/16 |
| ECTD-9-350 | 9 | 350 kcmil-6 AWG | 10.56 | 2.578 | 2.396 | 5/16 |
| ECTD-10-350 | 10 | 350 kcmil-6 AWG | 11.716 | 2.578 | 2.396 | 5/16 |
| ECTD-11-350 | 11 | 350 kcmil-6 AWG | 12.872 | 2.578 | 2.396 | 5/16 |
| ECTD-12-350 | 12 | 350 kcmil-6 AWG | 14.028 | 2.578 | 2.396 | 5/16 |
| ECTD-13-350 | 13 | 350 kcmil-6 AWG | 15.184 | 2.578 | 2.396 | 5/16 |
| ECTD-14-350 | 14 | 350 kcmil-6 AWG | 16.34 | 2.578 | 2.396 | 5/16 |

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For one input & multiple output configurations, the allowable ampacities per NEC Table 310.16 and 310.17 are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 600-475 Amps, 750-535 Amps.

For multiple inputs, the inputs must be staggered with outputs to allow for ampacities to be additive per NEC Table 310.16 and 310.17.

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