

## WATERTIGHT BUS BAR SPLITTER TROUGHS

The **1412 BT** bus bar splitter troughs are used indoors or outdoors to house bus bars for power distribution.

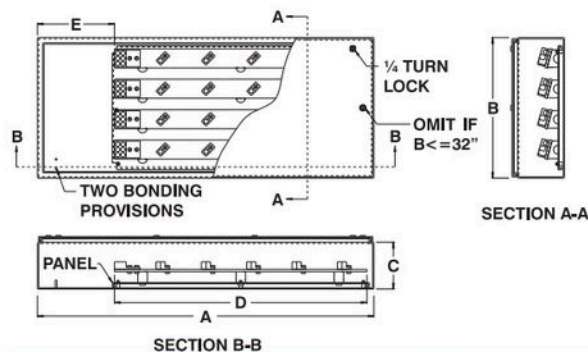
**CSA Certified / NEMA / EEMAC**  
**3-4, 12 / IP66**

\* Lugs must be ordered separately.

### Technical specifications:

- Made of high quality steel, with continuously welded corner seams.

- A high quality, robotically poured-in-place gasket ensures a complete and durable water tight seal.
- The opening has a curled lip around all sides to increase rigidity and prevent dripping water from entering the enclosure when the door is open.
- The captive pins of the concealed hinges can be pulled to remove the door.
- Quarter turn mechanisms ensure positive closing.
- 3, 4 or 5 aluminum, tin plated bus bars, which mount on slanted insulators that are installed on an inner panel.
- There are no knockouts.
- Finished with heat fused powder paint, electrostatically applied on a pretreated base.
- Color: ANSI/ASA 61 smooth gray
- Inner panel is galvanized (other colors available).



| NOMINAL AMPACITY |      | MAIN LUGS |         | BRANCH LUGS |        | BAR CROSS SECTION | LENGTHS AVAILABLE (FEET) |
|------------------|------|-----------|---------|-------------|--------|-------------------|--------------------------|
| CU               | AL   | QTY.      | WIRES   | QTY.        | WIRES  |                   |                          |
| 225              | 200  | 1         | 250MCM  | 2           | #2     | 1/4 X 1           | 3-4-5-6-7-8-9            |
| 400              | 340  | 1         | 600MCM  | 3           | 2/0    | 1/4 X 2 1/2       | 3-4-5-6-7-8-9-10         |
| 600              | 500  | 2         | 350MCM  | 4           | 2/0    | 3/8 X 2 1/2       | 3-4-5-6-7-8-9-10-11-12   |
| 800              | 680  | 2         | 600MCM  | 5           | 2/0    | 1/2 X 3           | 3-4-5-6-7-8-9-10-11-12   |
| 1000             | 890  | 2         | 1000MCM | 4           | 250MCM | 3/8 X 4 1/2       | 5-6-7-8-9-10-11-12       |
| 1200             | 1020 | 3         | 600MCM  | 5           | 250MCM | 1/2 X 4           | 5-6-7-8-9-10-11-12       |
| 1600             | 1335 | 3         | 1000MCM | 4           | 250MCM | 1/2 X 6           | 5-6-7-8-9-10-11-12       |
| 2000             | 1700 | 5         | 600MCM  | 7           | 350MCM | 3/4 X 5           | 6-7-8-9-10-11-12         |
| 2500             | 2040 | 6         | 600MCM  | 8           | 350MCM | 3/4 X 6           | 6-7-8-9-10-11-12         |

| CU<br>NOM.<br>AMP | 3 WIRES      |     |    |   | 4 WIRES      |     |    |   | 5 WIRES      |     |    |   |    |       |
|-------------------|--------------|-----|----|---|--------------|-----|----|---|--------------|-----|----|---|----|-------|
|                   | CATALOG #    | A   | B  | C | CATALOG #    | A   | B  | C | CATALOG #    | A   | B  | C | D  | E     |
| 225               | 1412 BT03203 | 36  | 18 | 8 | 1412 BT03204 | 36  | 22 | 8 | 1412 BT03205 | 36  | 26 | 8 | 27 | 7.75  |
| 225               | 1412 BT04203 | 48  | 18 | 8 | 1412 BT04204 | 48  | 22 | 8 | 1412 BT04205 | 48  | 26 | 8 | 36 | 7.75  |
| 225               | 1412 BT05203 | 60  | 18 | 8 | 1412 BT05204 | 60  | 22 | 8 | 1412 BT05205 | 60  | 26 | 8 | 45 | 13.75 |
| 225               | 1412 BT06203 | 72  | 18 | 8 | 1412 BT06204 | 72  | 22 | 8 | 1412 BT06205 | 72  | 26 | 8 | 54 | 16.75 |
| 225               | 1412 BT07203 | 84  | 18 | 8 | 1412 BT07204 | 84  | 22 | 8 | 1412 BT07205 | 84  | 26 | 8 | 63 | 16.75 |
| 225               | 1412 BT08203 | 96  | 18 | 8 | 1412 BT08204 | 96  | 22 | 8 | 1412 BT08205 | 96  | 26 | 8 | 72 | 16.75 |
| 225               | 1412 BT09203 | 108 | 18 | 8 | 1412 BT09204 | 108 | 22 | 8 | 1412 BT09205 | 108 | 26 | 8 | 81 | 16.75 |
| 400               | 1412 BT03403 | 36  | 18 | 8 | 1412 BT03404 | 36  | 22 | 8 | 1412 BT03405 | 36  | 26 | 8 | 27 | 7.75  |
| 400               | 1412 BT04403 | 48  | 18 | 8 | 1412 BT04404 | 48  | 22 | 8 | 1412 BT04405 | 48  | 26 | 8 | 36 | 7.75  |
| 400               | 1412 BT05403 | 60  | 18 | 8 | 1412 BT05404 | 60  | 22 | 8 | 1412 BT05405 | 60  | 26 | 8 | 45 | 13.75 |
| 400               | 1412 BT06403 | 72  | 18 | 8 | 1412 BT06404 | 72  | 22 | 8 | 1412 BT06405 | 72  | 26 | 8 | 54 | 16.75 |
| 400               | 1412 BT07403 | 84  | 18 | 8 | 1412 BT07404 | 84  | 22 | 8 | 1412 BT07405 | 84  | 26 | 8 | 63 | 16.75 |
| 400               | 1412 BT08403 | 96  | 18 | 8 | 1412 BT08404 | 96  | 22 | 8 | 1412 BT08405 | 96  | 26 | 8 | 72 | 16.75 |
| 400               | 1412 BT09403 | 108 | 18 | 8 | 1412 BT09404 | 108 | 22 | 8 | 1412 BT09405 | 108 | 26 | 8 | 81 | 16.75 |
| 400               | 1412 BT10403 | 120 | 18 | 8 | 1412 BT10404 | 120 | 22 | 8 | 1412 BT10405 | 120 | 26 | 8 | 90 | 16.75 |



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| CU<br>NOM.<br>AMP | 3 WIRES       |     |    |    | 4 WIRES       |     |    |    | 5 WIRES       |     |    |    |     |       |
|-------------------|---------------|-----|----|----|---------------|-----|----|----|---------------|-----|----|----|-----|-------|
|                   | CATALOG #     | A   | B  | C  | CATALOG #     | A   | B  | C  | CATALOG #     | A   | B  | C  | D   | E     |
| 600               | 1412 BT03603  | 36  | 24 | 10 | 1412 BT03604  | 36  | 30 | 10 | 1412 BT03605  | 36  | 36 | 10 | 27  | 7.75  |
| 600               | 1412 BT04603  | 48  | 24 | 10 | 1412 BT04604  | 48  | 30 | 10 | 1412 BT04605  | 48  | 36 | 10 | 36  | 7.75  |
| 600               | 1412 BT05603  | 60  | 24 | 10 | 1412 BT05604  | 60  | 30 | 10 | 1412 BT05605  | 60  | 36 | 10 | 45  | 13.75 |
| 600               | 1412 BT06603  | 72  | 24 | 10 | 1412 BT06604  | 72  | 30 | 10 | 1412 BT06605  | 72  | 36 | 10 | 54  | 16.75 |
| 600               | 1412 BT07603  | 84  | 24 | 10 | 1412 BT07604  | 84  | 30 | 10 | 1412 BT07605  | 84  | 36 | 10 | 63  | 16.75 |
| 600               | 1412 BT08603  | 96  | 24 | 10 | 1412 BT08604  | 96  | 30 | 10 | 1412 BT08605  | 96  | 36 | 10 | 72  | 16.75 |
| 600               | 1412 BT09603  | 108 | 24 | 10 | 1412 BT09604  | 108 | 30 | 10 | 1412 BT09605  | 108 | 36 | 10 | 81  | 16.75 |
| 600               | 1412 BT10603  | 120 | 24 | 10 | 1412 BT10604  | 120 | 30 | 10 | 1412 BT10605  | 120 | 36 | 10 | 90  | 16.75 |
| 600               | 1412 BT11603  | 132 | 24 | 10 | 1412 BT11604  | 132 | 30 | 10 | 1412 BT11605  | 132 | 36 | 10 | 99  | 16.75 |
| 600               | 1412 BT12603  | 144 | 24 | 10 | 1412 BT12604  | 144 | 30 | 10 | 1412 BT12605  | 144 | 36 | 10 | 108 | 16.75 |
| 800               | 1412 BT03803  | 36  | 24 | 10 | 1412 BT03804  | 36  | 30 | 10 | 1412 BT03805  | 36  | 36 | 10 | 27  | 7.75  |
| 800               | 1412 BT04803  | 48  | 24 | 10 | 1412 BT04804  | 48  | 30 | 10 | 1412 BT04805  | 48  | 36 | 10 | 36  | 7.75  |
| 800               | 1412 BT05803  | 60  | 24 | 10 | 1412 BT05804  | 60  | 30 | 10 | 1412 BT05805  | 60  | 36 | 10 | 45  | 13.75 |
| 800               | 1412 BT06803  | 72  | 24 | 10 | 1412 BT06804  | 72  | 30 | 10 | 1412 BT06805  | 72  | 36 | 10 | 54  | 16.75 |
| 800               | 1412 BT07803  | 84  | 24 | 10 | 1412 BT07804  | 84  | 30 | 10 | 1412 BT07805  | 84  | 36 | 10 | 63  | 16.75 |
| 800               | 1412 BT08803  | 96  | 24 | 10 | 1412 BT08804  | 96  | 30 | 10 | 1412 BT08805  | 96  | 36 | 10 | 72  | 16.75 |
| 800               | 1412 BT09803  | 108 | 24 | 10 | 1412 BT09804  | 108 | 30 | 10 | 1412 BT09805  | 108 | 36 | 10 | 81  | 16.75 |
| 800               | 1412 BT10803  | 120 | 24 | 10 | 1412 BT10804  | 120 | 30 | 10 | 1412 BT10805  | 120 | 36 | 10 | 90  | 16.75 |
| 800               | 1412 BT11803  | 132 | 24 | 10 | 1412 BT11804  | 132 | 30 | 10 | 1412 BT11805  | 132 | 36 | 10 | 99  | 16.75 |
| 800               | 1412 BT12803  | 144 | 24 | 10 | 1412 BT12804  | 144 | 30 | 10 | 1412 BT12805  | 144 | 36 | 10 | 108 | 16.75 |
| 1000              | 1412 BT051003 | 60  | 24 | 10 | 1412 BT051004 | 60  | 30 | 10 | 1412 BT051005 | 60  | 36 | 10 | 45  | 13.75 |
| 1000              | 1412 BT061003 | 72  | 24 | 10 | 1412 BT061004 | 72  | 30 | 10 | 1412 BT061005 | 72  | 36 | 10 | 54  | 16.75 |
| 1000              | 1412 BT071003 | 84  | 24 | 10 | 1412 BT071004 | 84  | 30 | 10 | 1412 BT071005 | 84  | 36 | 10 | 63  | 16.75 |
| 1000              | 1412 BT081003 | 96  | 24 | 10 | 1412 BT081004 | 96  | 30 | 10 | 1412 BT081005 | 96  | 36 | 10 | 72  | 16.75 |
| 1000              | 1412 BT091003 | 108 | 24 | 10 | 1412 BT091004 | 108 | 30 | 10 | 1412 BT091005 | 108 | 36 | 10 | 81  | 16.75 |
| 1000              | 1412 BT101003 | 120 | 24 | 10 | 1412 BT101004 | 120 | 30 | 10 | 1412 BT101005 | 120 | 36 | 10 | 90  | 16.75 |
| 1000              | 1412 BT111003 | 132 | 24 | 10 | 1412 BT111004 | 132 | 30 | 10 | 1412 BT111005 | 132 | 36 | 10 | 99  | 16.75 |
| 1000              | 1412 BT121003 | 144 | 24 | 10 | 1412 BT121004 | 144 | 30 | 10 | 1412 BT121005 | 144 | 36 | 10 | 108 | 16.75 |
| 1200              | 1412 BT051203 | 60  | 24 | 10 | 1412 BT051204 | 60  | 30 | 10 | 1412 BT051205 | 60  | 36 | 10 | 45  | 13.75 |
| 1200              | 1412 BT061203 | 72  | 24 | 10 | 1412 BT061204 | 72  | 30 | 10 | 1412 BT061205 | 72  | 36 | 10 | 54  | 16.75 |
| 1200              | 1412 BT071203 | 84  | 24 | 10 | 1412 BT071204 | 84  | 30 | 10 | 1412 BT071205 | 84  | 36 | 10 | 63  | 16.75 |
| 1200              | 1412 BT081203 | 96  | 24 | 10 | 1412 BT081204 | 96  | 30 | 10 | 1412 BT081205 | 96  | 36 | 10 | 72  | 16.75 |
| 1200              | 1412 BT091203 | 108 | 24 | 10 | 1412 BT091204 | 108 | 30 | 10 | 1412 BT091205 | 108 | 36 | 10 | 81  | 16.75 |
| 1200              | 1412 BT101203 | 120 | 24 | 10 | 1412 BT101204 | 120 | 30 | 10 | 1412 BT101205 | 120 | 36 | 10 | 90  | 16.75 |
| 1200              | 1412 BT111203 | 132 | 24 | 10 | 1412 BT111204 | 132 | 30 | 10 | 1412 BT111205 | 132 | 36 | 10 | 99  | 16.75 |
| 1200              | 1412 BT121203 | 144 | 24 | 10 | 1412 BT121204 | 144 | 30 | 10 | 1412 BT121205 | 144 | 36 | 10 | 108 | 16.75 |
| 1600              | 1412 BT051603 | 60  | 27 | 10 | 1412 BT051604 | 60  | 32 | 12 | 1412 BT051605 | 60  | 37 | 12 | 45  | 13.75 |
| 1600              | 1412 BT061603 | 72  | 27 | 10 | 1412 BT061604 | 72  | 32 | 12 | 1412 BT061605 | 72  | 37 | 12 | 54  | 16.75 |
| 1600              | 1412 BT071603 | 84  | 27 | 10 | 1412 BT071604 | 84  | 32 | 12 | 1412 BT071605 | 84  | 37 | 12 | 63  | 16.75 |
| 1600              | 1412 BT081603 | 96  | 27 | 10 | 1412 BT081604 | 96  | 32 | 12 | 1412 BT081605 | 96  | 37 | 12 | 72  | 16.75 |
| 1600              | 1412 BT091603 | 108 | 27 | 10 | 1412 BT091604 | 108 | 32 | 12 | 1412 BT091605 | 108 | 37 | 12 | 81  | 16.75 |
| 1600              | 1412 BT101603 | 120 | 27 | 10 | 1412 BT101604 | 120 | 32 | 12 | 1412 BT101605 | 120 | 37 | 12 | 90  | 16.75 |
| 1600              | 1412 BT111603 | 132 | 27 | 10 | 1412 BT111604 | 132 | 32 | 12 | 1412 BT111605 | 132 | 37 | 12 | 99  | 16.75 |
| 1600              | 1412 BT121603 | 144 | 27 | 10 | 1412 BT121604 | 144 | 32 | 12 | 1412 BT121605 | 144 | 37 | 12 | 108 | 16.75 |
| 2000              | 1412 BT062003 | 72  | 30 | 10 | 1412 BT062004 | 72  | 37 | 12 | 1412 BT062005 | 72  | 44 | 12 | 54  | 16.75 |
| 2000              | 1412 BT072003 | 84  | 30 | 10 | 1412 BT072004 | 84  | 37 | 12 | 1412 BT072005 | 84  | 44 | 12 | 63  | 16.75 |
| 2000              | 1412 BT082003 | 96  | 30 | 10 | 1412 BT082004 | 96  | 37 | 12 | 1412 BT082005 | 96  | 44 | 12 | 72  | 16.75 |
| 2000              | 1412 BT092003 | 108 | 30 | 10 | 1412 BT092004 | 108 | 37 | 12 | 1412 BT092005 | 108 | 44 | 12 | 81  | 16.75 |
| 2000              | 1412 BT102003 | 120 | 30 | 10 | 1412 BT102004 | 120 | 37 | 12 | 1412 BT102005 | 120 | 44 | 12 | 90  | 16.75 |
| 2000              | 1412 BT112003 | 132 | 30 | 10 | 1412 BT112004 | 132 | 37 | 12 | 1412 BT112005 | 132 | 44 | 12 | 99  | 16.75 |
| 2000              | 1412 BT122003 | 144 | 30 | 10 | 1412 BT122004 | 144 | 37 | 12 | 1412 BT122005 | 144 | 44 | 12 | 108 | 16.75 |
| 2500              | 1412 BT062503 | 72  | 30 | 10 | 1412 BT062504 | 72  | 37 | 12 | 1412 BT062505 | 72  | 44 | 12 | 54  | 16.75 |
| 2500              | 1412 BT072503 | 84  | 30 | 10 | 1412 BT072504 | 84  | 37 | 12 | 1412 BT072505 | 84  | 44 | 12 | 63  | 16.75 |
| 2500              | 1412 BT082503 | 96  | 30 | 10 | 1412 BT082504 | 96  | 37 | 12 | 1412 BT082505 | 96  | 44 | 12 | 72  | 16.75 |
| 2500              | 1412 BT092503 | 108 | 30 | 10 | 1412 BT092504 | 108 | 37 | 12 | 1412 BT092505 | 108 | 44 | 12 | 81  | 16.75 |
| 2500              | 1412 BT102503 | 120 | 30 | 10 | 1412 BT102504 | 120 | 37 | 12 | 1412 BT102505 | 120 | 44 | 12 | 90  | 16.75 |
| 2500              | 1412 BT112503 | 132 | 30 | 10 | 1412 BT112504 | 132 | 37 | 12 | 1412 BT112505 | 132 | 44 | 12 | 99  | 16.75 |
| 2500              | 1412 BT122503 | 144 | 30 | 10 | 1412 BT122504 | 144 | 37 | 12 | 1412 BT122505 | 144 | 44 | 12 | 108 | 16.75 |

Bus bar also available drilled and tapped 1/4 - 20 at 6" interval, add suffix 'DT' to the catalog number (ie. 1412 BT...DT)

#### Note :

EXM lugs must be ordered separately.  
See pages 218-222 for different types of lugs.



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