

IHI COLLAR (BOX) CONNECTORS FOR BUSS MOUNT OR PCB MOUNT
CONNECT WIRE TO A BUSS OR A PRINTED CIRCUIT BOARD

| Sales Cat No. / Material | Wire Range | UL Cat No. | CSA Cat No. | Buss Size | Buss Supplied by/ Mat'l | Max Amps NEC 75C Cu | Temp Rate | Wire Hole Dia/ box | Screw Mat'l /size | Max Screw Torque In-lbs |
|-----------------------------|------------|------------|-------------|-------------|----------------------------|------------------------------|-----------|-----------------------|----------------------|----------------------------|
| B300 Alum | 300-4 | B300 | - | .63 x .25 | User alum | 285A | 75 C | .64/.67 | Alum 5/8 | 200 |
| B1/0 Alum | 1/0-8 | B1/0 @ | B1/0 | .36 x .064 | User Copper | 150A | 90C | .40 /.40+ | Alum 7/16 | 100 |
| B2A Alum | 2-14 | B2 | B2 | .24 x .04 | User cu/alloy | 115A | 75 C | .30 | Steel 5/16 | 50 |
| B2A Alum | 2-14 | B2 | - | .25 x .032 | User cu/alloy | 50A | 75 C | .30 | Steel 5/16 | 50 |
| B2A-PCB Alum | 2-14 | B2 | B2 | .24 x .05 | IHI copper | 115A* | 75 C | .30 | Steel 5/16 | 50 |
| B2A1 Alum | 2-16 | B2A1 | B2A1 # | .25 x .047 | User cu/alloy | 50A | 90 C | .30 | Alum 5/16 | 50 |
| B2A2 Alum | 2-16 | B2A2 | B2A2 # | .25 x .032 | User cu/alloy | 115A | 90 C | .30 | Alum 5/16 | 50 |
| B2A2-PCB Alum | 2-16 | B2A2 | B2A2 # | .24 x .04 | IHI copper | 115A* | 90 C | .30 | Alum 5/16 | 50 |
| B2B Alum | 2-14 | B2B | -- | .312 x .045 | User cu/alloy | 65A | 90 C | .324/ .37 | Steel 3/8 | 50 |
| B2B-PCB Alum | 2-14 | B2B | -- | .312 x .045 | User cu/alloy | 65A* | 90 C | .324/ .37 | Steel 3/8 | 50 |
| B2C Alum | 2-14 | B2C | B2C | .24 x .04 | User cu/alloy | 115A | 75 C | .324/ .37 | Steel/SS 5/16 | 50 |
| B2C-PCB Alum | 2-14 | B2C | B2C | .24 x .05 | IHI Copper | 115A* | 75 C | .324/ .36 | Steel/SS 5/16 | 50 |
| B4B Brass | 4-14 | B4B @ | B4B | .25 x .063 | User cu/alloy | 85A | 90 C | .32/ .35 | Stl/Brs 3/8 | 45 |
| B6-PCB Alum | 6-18 | -- | -- | .34 x .14 | IHI integral | 35A* | (75 C) | .21 | Steel/SS #12 | 25 |
| B6B Alum | 6-14 | B6B | B6B | .20 x .032 | User cu/alloy | 65A | 75 C | .22 | Steel 1/4 | 35 |
| B12 Alum | 12-16 cu | B12 | -- | .125 x .063 | User/IHI cu/alloy | 20A | 75 C | .15 | Steel #10 fill | 20 |

1. Parts with -PCB suffix are printed circuit board wave solderable. SS = Stainless Steel screw available.
2. IHI can provide quote on providing buss where it is non-stock. UL Recognition and CSA Certification may be added on request where it is not currently available. @ UL 486 tested by CSA under cCSAus mark.
*Printed circuit application involving soldered joints may require a lower working temperature and therefore a lower maximum current based on the application and testing by the user. Anchoring strength is investigated by user.

Canadian 22.2 Certification is by UL via the "cUR" mark. -- No UL or No CSA approval available at date of printing.

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| <p>IHI Connectors®, International Hydraulics Inc. 7638 St. Clair Avenue, Mentor, OH 44060-5236 Call Charles Ridley (ext. 103) 440-951-7186 Fax 440-951-1071 e-mail: Charles Ridley: cRidley@ihinet.com</p> |
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