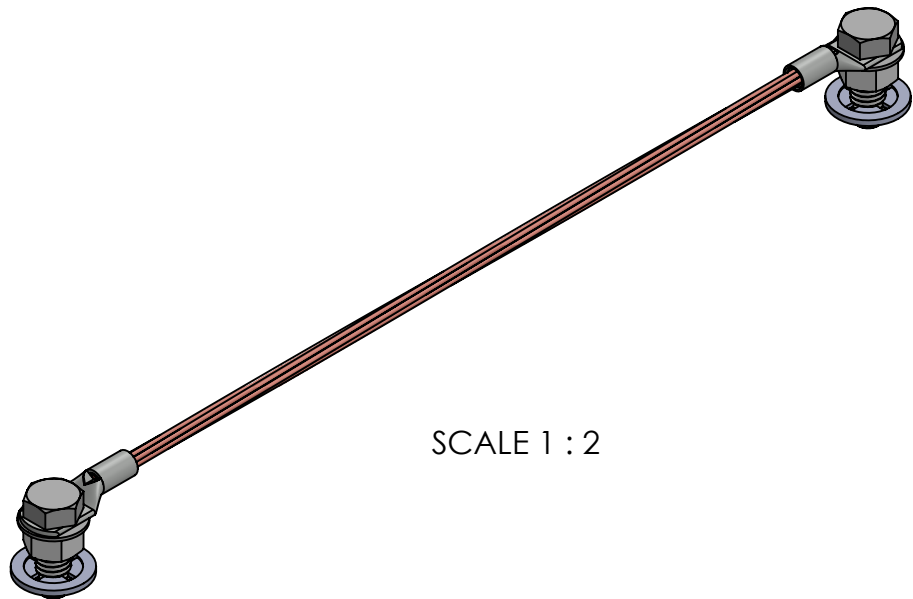
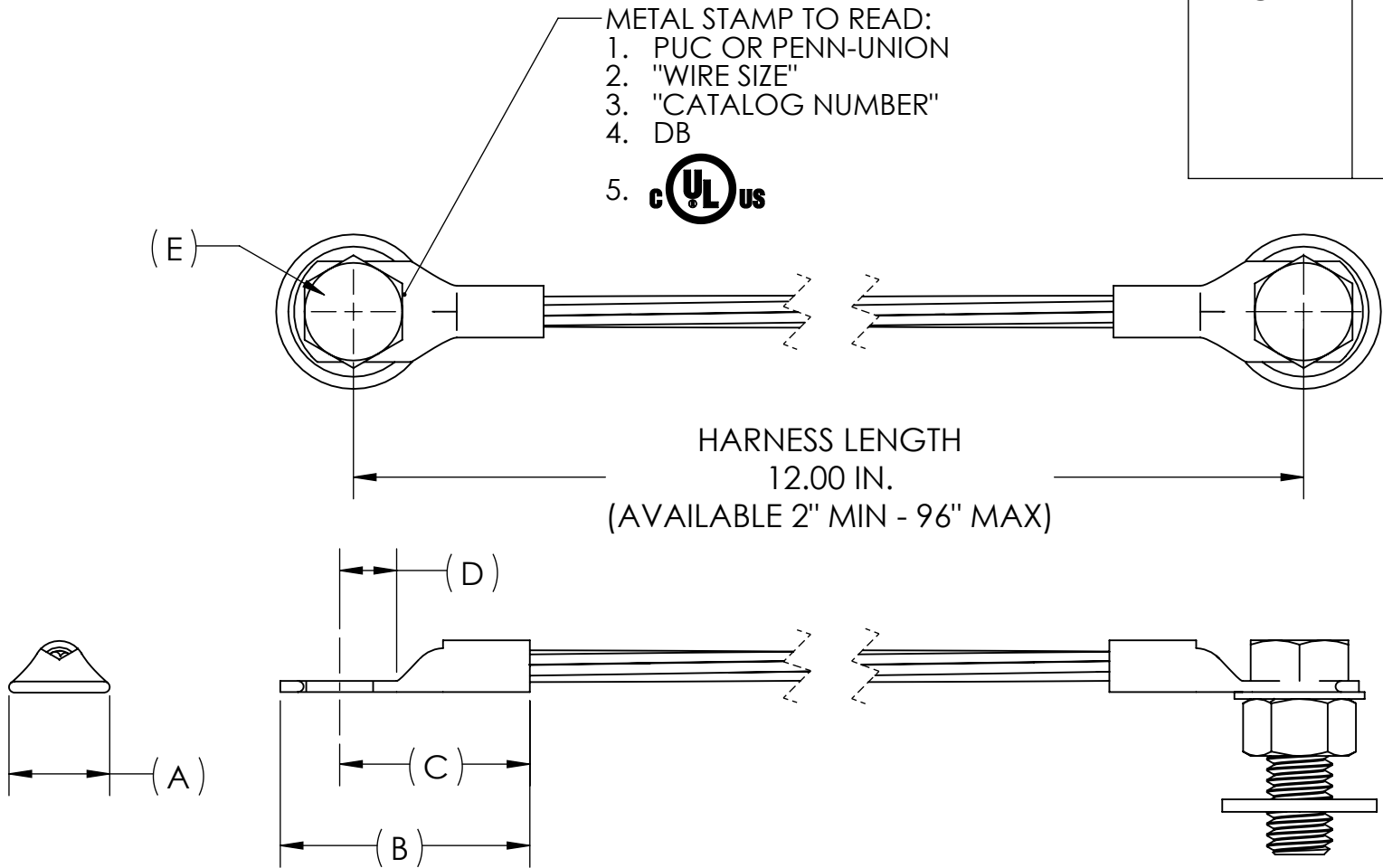


ORDERING INFORMATION

| CATALOG<br>NUMBER<br>PREFIX | WIRE SIZE<br>DESIGNATION                                                              | STUD HOLE<br>SIZE LUG A                                                                                                        | STUD HOLE<br>SIZE LUG B                                                                                                        | HARNESS<br>LENGTH | HARDWARE<br>DESIGNATION                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------|
| CH                          | 8 AWG<br>6 AWG<br>4 AWG<br>2 AWG<br>1 AWG<br>1/0 AWG<br>2/0 AWG<br>3/0 AWG<br>4/0 AWG | #8 (8)<br>#10 (10)<br>1/4" (14)<br>5/16" (516)<br>3/8" (38)<br>7/16" (716)<br>1/2" (12)<br>5/8" (58)<br>3/4" (34)<br>7/8" (78) | #8 (8)<br>#10 (10)<br>1/4" (14)<br>5/16" (516)<br>3/8" (38)<br>7/16" (716)<br>1/2" (12)<br>5/8" (58)<br>3/4" (34)<br>7/8" (78) | 2" - 96"          | FOR STEEL<br>HARDWARE, ADD SUFFIX "-STL"<br>TO ORDER WITHOUT MOUNTING<br>HARDWARE, OMIT SUFFIX "-SSH" |



NOTES:

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED
2. HARNESSES ARE MANUFACTURED USING BARE STRANDED COPPER WIRE AND TIN PLATED HEAVY DUTY COPPER COMPRESSION LUGS
3. COPPER LUGS ARE FACTORY CRIMPED TO THE WIRE ENSURING A LOW RESISTANCE CONNECTION
4. SUITABLE FOR USE IN INDUSTRIAL, COMMERCIAL, AND RESIDENTIAL GROUNDING APPLICATIONS WHERE SPACE IS LIMITED
5. SUITABLE FOR DIRECT BURIAL APPLICATIONS IN EARTH OR CONCRETE WHEN USED WITH STAINLESS STEEL MOUNTING HARDWARE
6. FOR STANDARD STEEL HARDWARE ADD SUFFIX "-STL", EXAMPLE: CH8-88-12-STL
7. FOR STAINLESS STEEL HARDWARE ADD SUFFIX "-SSH", EXAMPLE: CH8-88-12-SSH
8. FOR TERMINAL LUG DIMENSIONS REFERENCE BLY SERIES CUSTOMER DRAWINGS



|                                                                                       |  | 2                 | NUT                           |
|---------------------------------------------------------------------------------------|--|-------------------|-------------------------------|
|                                                                                       |  | 2                 | WASHER                        |
|                                                                                       |  | -                 | SLOTTED BOLT                  |
|                                                                                       |  | -                 | HEX BOLT                      |
|                                                                                       |  | 1                 | COPPER WIRE                   |
| QTY.                                                                                  |  | PT.               | NAME OR DESCRIPTION           |
|                                                                                       |  |                   | COPPER GROUNDING HARNESS      |
| REF. DWG'S:                                                                           |  | H:\2S28\CH SERIES |                               |
|  |  | DRAWN BY: DT      | DATE: 9/27/2023               |
| 229 WATERFORD STREET<br>EDINBORO, PA 16412 USA                                        |  | CHK'D: PJD        | FILE: 2S28                    |
| SIZE: B                                                                               |  | SCALE: 1:1        | INTERPRET PER ASME Y14.5-2009 |
|  |  | CH SERIES         |                               |
| DWG. NO.                                                                              |  | SHEET 1 OF 2      |                               |
|                                                                                       |  | REV. -            |                               |

|              |           |      |   |
|--------------|-----------|------|---|
| DWG NO.      | CH SERIES | REV. | - |
| SHEET 2 OF 2 |           |      |   |

| CAT. NO.      | COPPER CUNDUCTOR RANGE / CLASS | REFERENCE COMPRESSION TERMINAL | STUD HOLE SIZE | APPROXIMATE DIMENSIONS (IN.) |      |      |     |     |
|---------------|--------------------------------|--------------------------------|----------------|------------------------------|------|------|-----|-----|
|               |                                |                                |                | A                            | B    | C    | D   | E   |
| CH8-88-12     | 8 AWG CLASS B                  | BLY8C-L14                      | #8             | .42                          | 1.15 | .95  | .23 | .18 |
| CH8-1010-12   |                                | BLY8C-L                        | #10            | .42                          | 1.15 | .94  | .23 | .20 |
| CH8-1414-12   |                                | BLY8C-L1                       | 1/4            | .42                          | 1.22 | .99  | .27 | .28 |
| CH8-516516-12 |                                | BLY8C-L2                       | 5/16           | .59                          | 1.30 | 1.01 | .30 | .34 |
| CH8-3838-12   |                                | BLY8C-L3                       | 3/8            | .59                          | 1.30 | 1.00 | .33 | .40 |
| CH8-1212-12   |                                | BLY8C-L4                       | 1/2            | .83                          | 1.55 | 1.16 | .44 | .53 |
| CH6-1010-12   | 6 AWG CLASS B                  | BLY6C-L1                       | #10            | .47                          | 1.31 | 1.07 | .24 | .20 |
| CH6-1414-12   |                                | BLY6C-L                        | 1/4            | .47                          | 1.31 | 1.06 | .27 | .28 |
| CH6-516516    |                                | BLY6C-L4                       | 5/16           | .62                          | 1.44 | 1.14 | .31 | .34 |
| CH6-3838-12   |                                | BLY6C-L2                       | 3/8            | .62                          | 1.44 | 1.13 | .33 | .40 |
| CH6-1212-12   |                                | BLY6C-L10                      | 1/2            | .83                          | 1.68 | 1.28 | .44 | .53 |
| CH4-1010-12   | 4 AWG CLASS A, B               | BLY4C-L3                       | #10            | .63                          | 1.40 | 1.13 | .28 | .20 |
| CH4-1414-12   |                                | BLY4C-L                        | 1/4            | .63                          | 1.40 | 1.12 | .28 | .28 |
| CH4-516516-12 |                                | BLY4C-L4                       | 5/16           | .63                          | 1.49 | 1.18 | .31 | .34 |
| CH4-3838-12   |                                | BLY4C-L2                       | 3/8            | .65                          | 1.49 | 1.18 | .33 | .40 |
| CH4-1212-12   |                                | BLY4C-L5                       | 1/2            | .83                          | 1.72 | 1.31 | .44 | .53 |
| CH2-1010-12   | 2 AWG CLASS A, B               | BLY2C-L3                       | #10            | .71                          | 1.73 | 1.39 | .34 | .20 |
| CH2-1414-12   |                                | BLY2C-L1                       | 1/4            | .71                          | 1.73 | 1.39 | .34 | .28 |
| CH2-516516-12 |                                | BLY2C-L2                       | 5/16           | .71                          | 1.73 | 1.38 | .34 | .34 |
| CH2-3838-12   |                                | BLY2C-L                        | 3/8            | .71                          | 1.73 | 1.38 | .34 | .40 |
| CH2-1212-12   |                                | BLY2C-L4                       | 1/2            | .80                          | 1.90 | 1.50 | .45 | .53 |
| CH1-1010-12   | 1 AWG CLASS A                  | BLY1C-L6                       | #10            | .77                          | 1.67 | 1.32 | .25 | .20 |
| CH1-1414-12   |                                | BLY1C-L1                       | 1/4            | .77                          | 1.85 | 1.46 | .38 | .28 |
| CH1-516516-12 |                                | BLY1C-L2                       | 5/16           | .77                          | 1.85 | 1.46 | .38 | .34 |
| CH1-3838-12   |                                | BLY1C-L                        | 3/8            | .77                          | 1.85 | 1.46 | .38 | .40 |
| CH1-716716-12 |                                | BLY1C-L4                       | 7/16           | .77                          | 1.85 | 1.43 | .38 | .46 |
| CH1-1212-12   |                                | BLY1C-L3                       | 1/2            | .77                          | 1.98 | 1.60 | .45 | .53 |

| CAT. NO.        | COPPER CUNDUCTOR RANGE / CLASS | REFERENCE COMPRESSION TERMINAL | STUD HOLE SIZE | APPROXIMATE DIMENSIONS (IN.) |      |      |     |     |
|-----------------|--------------------------------|--------------------------------|----------------|------------------------------|------|------|-----|-----|
|                 |                                |                                |                | A                            | B    | C    | D   | E   |
| CH1/0-1414-12   | 1/0 AWG CLASS A, AA            | BLY25-L1                       | 1/4            | .85                          | 2.05 | 1.63 | .42 | .28 |
| CH1/0-516516-12 |                                | BLY25-L2                       | 5/16           | .85                          | 2.05 | 1.63 | .42 | .34 |
| CH1/0-3838-12   |                                | BLY25-L                        | 3/8            | .85                          | 2.05 | 1.63 | .42 | .40 |
| CH1/0-716716-12 |                                | BLY25-L6                       | 7/16           | .85                          | 2.05 | 1.61 | .42 | .46 |
| CH1/0-1212-12   |                                | BLY25-L3                       | 1/2            | .85                          | 2.09 | 1.65 | .45 | .53 |
| CH1/0-5858-12   |                                | BLY25-L4                       | 5/8            | .90                          | 2.31 | 1.80 | .62 | .66 |
| CH2/0-1414-12   | 2/0 AWG CLASS A, AA            | BLY26-L1                       | 1/4            | .94                          | 2.32 | 1.84 | .47 | .28 |
| CH2/0-516516-12 |                                | BLY26-L2                       | 5/16           | .94                          | 2.32 | 1.84 | .47 | .34 |
| CH2/0-3838-12   |                                | BLY26-L                        | 3/8            | .94                          | 2.32 | 1.85 | .47 | .40 |
| CH2/0-716716-12 |                                | BLY26-L4                       | 7/16           | .94                          | 2.32 | 1.84 | .47 | .46 |
| CH2/0-1212-12   |                                | BLY26-L3                       | 1/2            | .94                          | 2.32 | 1.85 | .47 | .53 |
| CH2/0-5858-12   |                                | BLY26-L12                      | 5/8            | .94                          | 2.54 | 2.01 | .72 | .66 |
| CH3/0-1414-12   | 3/0 AWG CLASS A, AA            | BLY27-L3                       | 1/4            | 1.05                         | 2.46 | 1.94 | .51 | .28 |
| CH3/0-516516-12 |                                | BLY27-L2                       | 5/16           | 1.05                         | 2.46 | 1.94 | .51 | .34 |
| CH3/0-3838-12   |                                | BLY27-L                        | 3/8            | 1.05                         | 2.46 | 1.94 | .51 | .40 |
| CH3/0-716716-12 |                                | BLY27-L6                       | 7/16           | 1.05                         | 2.63 | 2.11 | .51 | .46 |
| CH3/0-1212-12   |                                | BLY27-L1                       | 1/2            | 1.05                         | 2.46 | 1.93 | .51 | .53 |
| CH3/0-5858-12   |                                | BLY27-L15                      | 5/8            | 1.05                         | 2.63 | 2.05 | .70 | .66 |
| CH4/0-1414-12   | 4/0 AWG CLASS A, AA            | BLY28-L1                       | 1/4            | 1.15                         | 2.76 | 2.20 | .56 | .28 |
| CH4/0-516516-12 |                                | BLY28-L2                       | 5/16           | 1.15                         | 2.76 | 2.20 | .56 | .34 |
| CH4/0-3838-12   |                                | BLY28-L                        | 3/8            | 1.15                         | 2.76 | 2.20 | .56 | .40 |
| CH4/0-716716-12 |                                | BLY28-L6                       | 7/16           | 1.15                         | 2.76 | 2.19 | .56 | .46 |
| CH4/0-1212-12   |                                | BLY28-L12                      | 1/2            | 1.15                         | 2.76 | 2.19 | .56 | .53 |
| CH4/0-5858-12   |                                | BLY28-L13                      | 5/8            | 1.15                         | 2.76 | 2.19 | .56 | .67 |
| CH4/0-3434-12   |                                | BLY28-L14                      | 7/8            | 1.15                         | 2.96 | 2.33 | .56 | .79 |
| CH4/0-7878-12   |                                | BLY28-L15                      | 3/4            | 1.15                         | 2.96 | 2.34 | .77 | .90 |

|                                                                                       |  |                                                               |                          |      |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------|--------------------------|------|
| QTY.                                                                                  |  | PT.                                                           | NAME OR DESCRIPTION      |      |
|                                                                                       |  |                                                               | COPPER GROUNDING HARNESS |      |
| REF. DWG'S:                                                                           |  | H:\2S28\CH SERIES                                             |                          |      |
|  |  | DRAWN BY: DT      DATE: 9/27/2023      CHK'D: PJO             |                          |      |
| 229 WATERFORD STREET<br>EDINBORO, PA 16412 USA                                        |  | SCALE: 1:1      INTERPRET PER ASME Y14.5-2009      FILE: 2S28 |                          |      |
| SIZE: B                                                                               |  | DWG NO.                                                       |                          | REV. |
|  |  | CH SERIES                                                     |                          | -    |
|                                                                                       |  | SHEET 2 OF 2                                                  |                          |      |