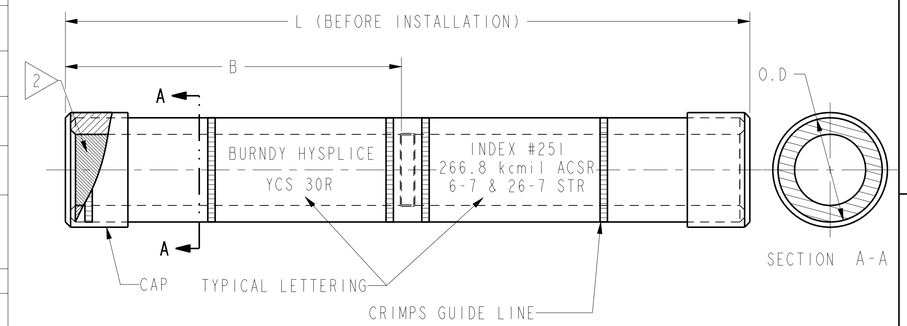
DRAWING NO. 50115707

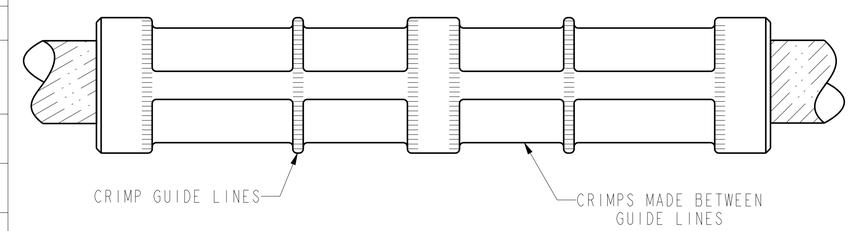
| REV | DATE | DESCRIPTION | ECO | BY | C'H'K. |
|---|---|---|---|---|---|
| A | 2020-08-14 00:00:00 EDT | DRAWING RELEASED | 54086 | MM | NJS |

| CATALOG NUMBER | CONDUCTOR SEE LAST COLUMN ACSR | STR | O.D. | B APPROXIMATE | L APPROXIMATE | TOOLS, DIE SET CATLOG NUMBER & (CRIMPS PER END) MD7,MD6 | Y35,Y750 | Y45 (6) | Y46 (11) | Y48B | Y60BHU | INSTALLATION TOOL INDEX NUMBER (8) | ALSO ACCOMMODATES ALUMINUM | STR. | METRIC (mm²) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YCS4R | #4 (.250) | 6-1 | 0.397 | 2.38 | 4.91 | W237(4) | U237(2) | U237(2) | U237(2) | -- | -- | 237 | 4(.232) (5) | 7 | |
| | #4 (.257) | 7-1 | | | | | | | | | | | | | |
| YCS2R | #2 (.316) | 6-1 | 0.500 | 2.38 | 4.91 | W239(4) | U239(2) | U239(2) | U239(2) | -- | -- | 239 | 2(.292) (5) | 7 | 34 |
| | #2 (.325) | 7-1 | | | | | | | | | | | | | |
| YCS1R | #1 (.355) | 6-1 | 0.563 | 3.12 | 6.37 | W241(8) | U241(4) | U241(4) | U241(4) | -- | -- | 241 | -- | -- | -- |
| YCS25R (9) | 1/0 (.398) | 6-1 | 0.621 | 3.48 | 7.09 | W-BG(5)<br>W243(7) | U-BG(6)<br>U243(4) | U-BG(6)<br>U243(4) | U-BG(6)<br>U243(4) | -- | -- | 243 | 1/0 (.368)<br>(.373) | 7<br>19 | 50 |
| YCS26R | 2/0 (.447) | 6-1 | 0.696 | 3.55 | 7.05 | W245(8) | U245(4) | U245(4) | U245(4) | -- | -- | 245 | 2/0 (.414)<br>(.419) | 7<br>19 | 77 |
| YCS27R (4) | 3/0 (.502) | 6-1 | 0.781 | 2.81 | 5.75 | W247(6) | U247(3) | U247(3) | U247(3) | -- | -- | 247 | 3/0 (.464)<br>(.470) | 7<br>19 | -- |
| | 110.8 kcmil | 12-7 | | | | | | | | | | | | | |
| YCS28R | 4/0 (.563) | 6-1 | 0.875 | 2.81 | 5.75 | W249(6) | U249(3) | U249(3) | U249(3) | -- | L249(2) | 249 | 4/0 (.522)<br>(.528) | 7<br>19 | 124 |
| | | 6-7 | | | | | | | | | | | | | |
| YCS30R | 266.8 kcmil (.608) | 18-1 | 1.000 | 3.18 | 6.47 | W251(12) | U251(6) | U251(6) | U251(6) | -- | L251(3) | 251 | 266.8 kcmil (.586)<br>266.8 kcmil (.593) | 7<br>19 | 158 |
| | 266.8 kcmil (.633) | 6-7 | | | | | | | | | | | | | |
| | 266.8 kcmil (.642) | 26-7 | | | | | | | | | | | | | |
| YCS31R | 300 kcmil (.680) | 26-7 | 1.062 | 3.96 | 8.00 | -- | | | -- | -- | -- | 315 | -- | -- | -- |
| YCS321R (7) | 336.4 kcmil (.684) | 18-1 | 1.125 | 3.18 | 6.47 | -- | U490(5) | U490(5) | U490(5) | -- | L490(2) | 490 OR 547 (3) | 336.4 kcmil (.666) | 19 | 210 |
| YCS33R | 336.4 kcmil (.721) | 26-7 | 1.141 | 4.31 | 8.74 | -- | U316(6) | U316(6) | U316(6) | -- | L316(2) | 316 | 397.5 kcmil(.724) | 19 | -- |
| | 336.4 kcmil (.741) | 30-7 | | | | | | | | | | | | | |
| YCS35R | 397.5 kcmil (.783) | 26-7 | 1.250 | 4.31 | 8.80 | -- | U317(6) | U317(6) | U317(6) | -- | L317(2) | 317 | 477 kcmil (.783)<br>477 kcmil (.795)<br>500 kcmil (.813)<br>500 kcmil (.815) | 19<br>37<br>37<br>61 | -- |
| | 397.5 kcmil (.806) | 30-7 | | | | | | | | | | | | | |
| | 397.5 kcmil (.743) | 18-1 | | | | | | | | | | | | | |
| YCS361R | 477 kcmil (.814) | 18-1 | 1.300 | 4.06 | 8.25 | -- | U327(6) | U327(6) | U327(6) | -- | L327(2) | 327 | 500 kcmil (.813)<br>500 kcmil (.815) | 37<br>61 | 262 |
| YCS37R (10) | 477 kcmil (.858) | 26-7 | -- | 4.31 | 8.75 | -- | U261(6) | U261(6) | U261(6) | -- | L261(2) | 261 | -- | -- | -- |
| | 477 kcmil (.883) | 30-7 | | | | | | | | | | | | | |
| | 477 kcmil (.846) | 24-7 | | | | | | | | | | | | | |
| YCS33RG1 | 336.4 kcmil (.721) | 26-7 | 1.062 | 2.56 | 5.25 | -- | -- | -- | -- | -- | -- | 193 | -- | -- | -- |
| | 336.4 kcmil (.741) | 30-7 | | | | | | | | | | | | | |
| YCS01R (5) | 80 kcmil(.367) | 8-1 | 0.696 | 3.55 | 7.18 | -- | U245(4) | U245(4) | U245(4) | -- | L245(2) | 245 | -- | -- | -- |
| YCS261R (5) | 134.6 kcmil (.530) | 12-7 | 1.141 | 4.33 | 8.77 | -- | U316(7) | U316(7) | U316(7) | -- | L316(2) | 316 | -- | -- | -- |
| YCS271R (5) | 159 kcmil (.576) | 12-7 | 1.250 | 4.31 | 8.80 | -- | U317(7) | U317(7) | U317(7) | C317(2) | L317(2) | 317 | -- | -- | -- |
| YCS284R (5) | 211.3 kcmil (.663) | 12-7 | 1.250 | 4.33 | 8.81 | -- | U317(7) | U317(7) | U317(7) | C317(2) | L317(2) | 317 | -- | -- | -- |
| YCS251R (5) | 101.8 kcmil (.461) | 12-7 | 1.141 | 4.30 | 8.76 | -- | U316(7) | U316(7) | U316(7) | -- | L316(2) | 316 | -- | -- | -- |
| YCS321RG1 | 336.4 kcmil (.684) | 18-1 | 1.141 | 4.03 | 8.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| YCS38R | 500 kcmil (.904) | 30-7 | 1.500 | 3.75 | 7.62 | -- | -- | -- | -- | -- | -- | 614 | -- | -- | -- |

NOTES:

1. MATERIAL: ALUMINUM.
2. BARRELS FILLED HALF FULL WITH PENETROX™ AND CAPPED.
3. INCLUDED KEARNEY DIE 1-1/8 UNDER INDEX COLUMN TO CATALOG NUMBER YCS321R.
4. YCS27R CAN BE USED AS A REDUCER LOOP SPLICE FPR 3/0 A.C.S.R. TO 2/0 A.C.S.R.
5. THESE LOOP HYSPLICES™ ARE DESIGNED FOR INSTALLATION WITH THE SAME DIE SETS USED FOR INSTALLING FULL TENSION HYSPLICES™. NOTE THAT Y458 HYPRESS™ MUST BE USED.
6. "U" DIES USED WITH ADAPTER PT6515.
7. FLAT SIDED.
8. FOR ADDITIONAL INSTALLATION DATA SEE SA039023.
9. MD6 USE BG GROOVE, 12 CRIMPS PER END.
10. ALSO ACCOMMODATES 556.5(.879) ACSR 18-1
11. "U" DIES USED WITH ADAPTER PUADP-1




VIEW AFTER INSTALLATION

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FOR PRODUCT INFO: http://www.burndy.com

HYSPLICE™, LOOP (ACSR) WITH METRIC REF

| | | |
|---|---|---|
| ITEM NO: -- | | |
| CAT. NO: YCS-P (TABLE) | | |
| DRAWN BY: M MOHAN | 08/17/20 | BURNDY |
| CHECKER: NJ SUDHAKAR | 08/17/20 | |
| DSN APPVL: D DOBRINSKI | 08/15/20 | |
| MFG APPVL: -- | -- | |
| QA APPVL: T WATTS | 08/14/20 | |
| MKT APPVL: J HALL | 08/14/20 | SCALE: 2:1 |
| PROD FAM: -- | DRAWING NO | REV |
| PROJECT #: -- / SIZE | 50115707 | A |
| DOCUMENT TYPE: Sales / D | | |
| REL LEVEL: Released | SHEET 1 OF 1 | |

REV: PE0200