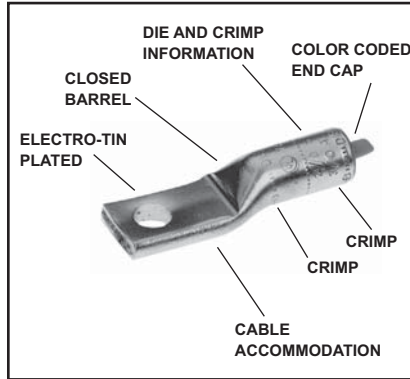


Compression Connections

Aluminum Compression — Tin Plated — For Aluminum & Copper Conductors

BURNDY®

TYPES YA-A AND YA-A-TN (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

HYLUG™

**UNINSULATED ALUMINUM
COMPRESSION TERMINAL
FOR ALUMINUM AND COPPER
CONDUCTORS**

1-HOLE DESIGN

| Catalog Number | Code Conductor * | Stud Size | No. of Holes in Pad | Dimensions | | | | | | Installation Tooling ▲ | | | | | |
|----------------|-------------------------------------|-----------|---------------------|------------|------|------|------|------|------|----------------------------|---|---|---------------|-------------|-------------------|
| | | | | C | D | L | N | T | Z | Dieless (# of crimps) | | Y35, Y39, Y750, Y46* Die Number (# of crimps) | Color Code | ▲ Die Index | Wire Strip Length |
| | | | | | | | | | | Mechanical Tooling | Hydraulic HYPRESS™ | | | | |
| YA2CA5 | 2AWG | 1/4 | 1 | 0.50 | 0.75 | 2.25 | 0.33 | 0.22 | 0.42 | MY29-3 (1) MRC840AL (1) | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U2CABT (1) | Pink | 348 | 1-1/8" |
| YA2CA1 | | 5/16 | 1 | 0.88 | 0.88 | 2.50 | 0.41 | 0.16 | 0.47 | | | | | | |
| YA2CA3 | | 3/8 | 1 | 0.88 | 0.94 | 2.56 | 0.44 | 0.16 | 0.50 | | | | | | |
| YA1CA1 | 1 AWG | 3/8 | 1 | 0.76 | 1.19 | 2.59 | 0.44 | 0.19 | 0.75 | MY29-3 (2) MRC840AL (2) | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U1CART (1) | Gold | 471 | 15/16" |
| YA25A1 | 1/0 | 5/16 | 1 | 0.60 | 0.87 | 2.31 | 0.41 | 0.21 | 0.46 | | | | | | |
| YA25A3 | | 3/8 | 1 | 0.82 | 1.18 | 2.67 | 0.63 | 0.21 | 0.55 | | | | | | |
| YA25A9 | | 1/2 | 1 | 1.03 | 1.34 | 2.83 | 0.63 | 0.17 | 0.71 | | | | | | |
| YA26A6 | 2/0 AWG | 3/8 | 1 | 0.67 | 1.89 | 2.79 | 0.44 | 0.24 | 0.74 | MY29-3 (2) MRC840AL (2) | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U26ART (2) | Olive | 297 | 1-3/8" |
| YA26A1 | | 1/2 | 1 | 1.03 | 1.36 | 3.03 | 0.63 | 0.20 | 0.73 | | | | | | |
| YA27A1 | 3/0 AWG | 3/8 | 1 | 0.73 | 1.18 | 2.88 | 0.44 | 0.26 | 0.74 | MY29-3 (2) MRC840AL (2) | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U27ART (2) | Ruby | 467 | 1-1/2" |
| YA27A3 | | 1/2 | 1 | 1.04 | 1.37 | 3.27 | 0.63 | 0.26 | 0.74 | | | | | | |
| YA28A1 | 4/0 AWG | 3/8 | 1 | 1.17 | 1.18 | 3.26 | 0.44 | 0.30 | 0.74 | — | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U28ART (2) | White | 298 | 1-5/8" |
| YA28A3 | | 1/2 | 1 | 1.17 | 1.36 | 3.44 | 0.63 | 0.30 | 0.73 | | | | | | |
| YA29A9 | 250 kcmil | 3/8 | 1 | 1.26 | 0.83 | 3.09 | 0.41 | 0.33 | 0.42 | — | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U29ART (2) | Red | 324 | 1-9/16" |
| YA29A1 | | 1/2 | 1 | 1.26 | 1.36 | 3.53 | 0.63 | 0.33 | 0.73 | | | | | | 1-5/8" |
| YA30A6 | 300 kcmil | 3/8 | 1 | 1.38 | 1.37 | 3.90 | 0.63 | 0.36 | 0.74 | — | Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2) | U30ART (2) | Blue | 470 | 1-3/4" |
| YA30A1 | | 1/2 | 1 | 1.38 | 1.37 | 3.90 | 0.63 | 0.36 | 0.74 | | | | | | 1-3/4" |
| YA31A1 | 350 kcmil | 1/2 | 1 | 1.52 | 1.37 | 4.33 | 0.63 | 0.39 | 0.74 | — | Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3) | U31ART (2) | Brown | 299 | 2-1/8" |
| YA32A9 | 400 kcmil | 3/8 | 1 | 1.62 | 0.83 | 3.95 | 0.41 | 0.43 | 0.42 | — | Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4) PAT644XT-18V (2) | U32ART (4) | Green | 472 | 2-5/16" |
| YA32A1 | | 5/8 | 1 | 1.62 | 1.88 | 4.92 | 0.88 | 0.43 | 1.00 | | | | | | 2-1/2" |
| YA34A1 | 500 kcmil | 5/8 | 1 | 1.80 | 1.91 | 5.56 | 0.88 | 0.46 | 1.03 | — | Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4) PAT644XT-18V (2) | U34ART (4) | Pink Black | 300 473 | 2-5/8" |
| YA36A1 | 600 kcmil | 5/8 | 1 | 1.97 | 1.88 | 5.82 | 0.88 | 0.52 | 1.00 | | | | | | 2-7/8" |
| YA39A1 | 700-750 kcmil 900 Compact AL* | 1/2 | 1 | 2.05 | 1.34 | 5.26 | 0.63 | 0.43 | 0.71 | — | Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4) PAT644XT-18V (2) | U39ART-2 (4) | Yellow | 936 | 2-7/8" |
| YA39A3 | | 5/8 | 1 | 2.05 | 1.88 | 5.80 | 0.88 | 0.43 | 1.00 | | | | | | 2-7/8" |
| YA39A34 | 700-750 kcmil | 3/4 | 1 | 2.05 | 2.19 | 6.17 | 1.00 | 0.43 | 1.19 | — | Y644HSXT (1) | P40ART (4) | Gray | 474 | 3" |
| YA40A1 | 800 kcmil | 5/8 | 1 | 1.65 | 1.87 | 6.12 | 0.88 | 0.60 | 0.99 | — | Y644HSXT (2) Y644HSXTBH (2) PAT644XT-18V (2) | U42ART (4)^ | Gray | 303 | 2-7/8" |
| YA42A1 | 900 kcmil AL | 1/2 | 1 | 2.14 | 1.36 | 5.32 | 0.63 | 0.39 | 0.71 | | | | | | 2-7/8" |
| YA42A3 | 600 kcmil CU | 5/8 | 1 | 2.14 | 1.36 | 5.32 | 0.63 | 0.39 | 1.00 | | | | | | 2-7/8" |
| YA44A1 | 1000 kcmil | 5/8 | 1 | 2.50 | 1.89 | 6.50 | 0.88 | 0.66 | 1.01 | — | — | P44ART** (4) | Gray | 474 | 3" |

* Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
▲ See tooling section of this catalog for complete tool and die listings.

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
** P44ART for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.
+ Tested with Y644HSXT and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact AL.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
^ U die for 900 AL only
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487