

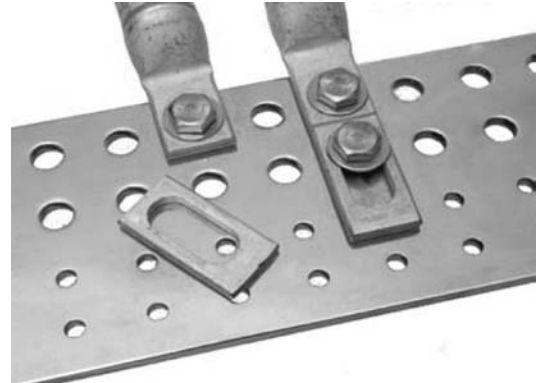
TYPES YBA, YBA-FX and YBAV-FX

BREAK-AWAY HYLUG™

Copper Compression Terminals
UL Listed 90° C, Up to 35 kV ♦

The Break-Away HYLUG™ line of Copper terminals are designed to provide maximum field flexibility by allowing the installer (using the Break-Away feature) to easily convert two-hole terminals to one-hole terminals to suit the application, while retaining UL Listing and CSA Certification.

The Break-Away HYLUG™ line of terminals encompasses a wide range of features that affords the installer the flexibility in meeting the requirements for challenging projects.



Features & Benefits

- BREAK-AWAY feature allows for field modification of the terminal from a two-hole design to a one-hole design
- Field modification of the terminal does not require specialized tooling or training.
- Slotted second stud provides built in flexibility for the terminal to conform to various bus bar dimensions.
- Narrow tongue design allows for the terminal to fit into tight spaces.
- Accommodates a wide range of conductor combinations (AWG, Compact, DLO, Flex and Metric).
- Terminals are range taking when installed with Y644HSXT or PAT644 tooling platforms.



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

| Catalog Number | Conductor Size | mm ² | Dimensions | | | | | | Installation Tooling (# of Crimps) | | | | | |
|----------------|---|-----------------|-------------------|---------------------|--------------|------|------|------|--|--------------------------------------|--------------------------------------|---|------------|-----------|
| | | | Stud Hole Spacing | Stud Hole Size [MM] | Tongue Width | B | T | L | Dieless | MD6, MD7, MD7-34R platforms OUR840** | Y500CTHS, PAT60018V, PATMD6 platform | Y35, Y39, Y750, *Y46, PAT750, *PAT46 platform | Color Code | Die Index |
| YBAV25FX14 | 1/0 AWG G,H,I,K,M DLO (275/24) 1/0 AWG | 50 | .63" to 1.00" | 1/4" [6] | 0.73 | 1.50 | 0.13 | 3.69 | MY29 (MY29 platform tools can only be used on Code Conductor), PAT644- & Y644- platforms (1) 4-POINT® Y81K, PAT81K, Y4PC PAT4PC- platforms (2) | W25VT (4) X25RT (4) W25RT (4) | W25VT (4) X25RT (4) W25RT (4) | U25RT (2) | Pink | 12 or 348 |
| YBAV26FX14 | 2/0 AWG G,H,I,K,M DLO (325/24) 2/0 AWG | 70 | .63" to 1.00" | 1/4" [6] | 0.89 | 1.50 | 0.13 | 3.74 | | W26VT (4) X26RT (4) W26RT (4) | W26VT (4) X26RT (4) W26RT (4) | U26RT (2) | Black | 13 |
| YBAV27FX14 | 3/0 AWG G,H,I,K,M DLO (450/24) 3/0 AWG | 95 | .63" to 1.00" | 1/4" [6] | 0.87 | 1.50 | 0.14 | 3.78 | | W27VT (4) X27RT (4) W27RT (4) | W27VT (4) X27RT (4) W27RT (4) | U27RT (4) | Orange | 14 |
| YBAV28FX | 4/0 AWG G,H,I,K,M DLO (550/24) 4/0 AWG | 120 | 1" to 1.75" | 1/2" [12] | 0.94 | 1.62 | 0.14 | 5.24 | | X28RT (6) W28RT (4) W28VT (4) | X28RT (6) W28RT (4) W28VT (4) | U28RT (2) | Purple | 15 |
| YBA29 | 250 kcmil | - | 1" to 1.75" | 1/2" [12] | 0.96 | 1.62 | 0.16 | 5.21 | | W29RT (4) W29VT (4) | W29RT (4) W29VT (4) | U29RT (2) | Yellow | 16 |
| YBA31FX | 250 kcmil I,K,M DLO 262 (650/24) | 150 | 1" to 1.75" | 1/2" [12] | 0.96 | 2.00 | 0.18 | 5.68 | PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2) for YBA29, (3) for YBA31FX & YBA32FX (4) for YBA34FX | W30VT(4) W30RT(4) | W30VT (4) W30RT (4) | U30RT (4) | White | 17 or 298 |
| YBA32FX | 300 kcmil G,H,I,K,M DLO 313 (775/24) | 185 | 1" to 1.75" | 1/2" [12] | 0.96 | 2.12 | 0.19 | 5.85 | | W31VT (4) W31RT (4) | W31VT (4) W31RT (4) | U31RT (4) | Red | 18 or 324 |
| YBA34FX | 350 kcmil G,H,I,K,M DLO 373 (925/24) | 240 | 1" to 1.75" | 1/2" [12] | 0.96 | 2.25 | 0.23 | 6.08 | | W32VT (4) W32RT (4) | W32VT (4) W32RT (4) | U32RT (4) | Blue | 19 or 470 |

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies

** OUR840 can use X-style dies only

Compression Connections

Copper Compression — Long Barrel — Break-Away

BURNDY®

TYPES YBA, YBA-FX and YBAV-FX

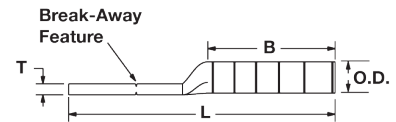
BREAK-AWAY HYLUG™

(Continued)

Copper Compression Terminals

UL Listed 90° C, Up to 35 kV ♦

C-92



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| Catalog Number | Conductor Size | mm ² | Dimensions | | | | | | Installation Tooling (# of Crimps) | | | | | |
|----------------|--|-----------------|-------------------|---------------------|--------------|------|------|------|---|--------------------------------------|--------------------------------------|---|------------|-----------|
| | | | Stud Hole Spacing | Stud Hole Size [MM] | Tongue Width | B | T | L | Dieless | MD6, MD7, MD7-34R platforms OUR840** | Y500CTHS, PAT60018V, PATMD6 platform | Y35, Y39, Y750, *Y46, PAT750, *PAT46 platform | Color Code | Die Index |
| YBA36FX | 500 kcmil G,H DLO 444 (110/24) | - | 1" to 1.75" | 1/2" [12] | 1.47 | 2.69 | 0.27 | 6.59 | Y644HSXT (1), PAT644XT-18V (1), Y81KFT(2), PAT81KFT (2) | — | — | U34RT (4) | Brown | 20 or 299 |
| YBA36FX58 | | - | 1" to 1.75" | 5/8" [16] | 1.47 | 2.69 | 0.27 | 6.59 | | | | U34RT (4) | | |
| YBA38FX | 500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (325/24) | 300 | 1" to 1.75" | 1/2" [12] | 1.62 | 2.81 | 0.27 | 6.76 | | | | U38XRT (4) | Pink | L99 |
| YBA39 | 750 kcmil (Code Class AA; A & B) | - | 1" to 1.75" | 1/2" [12] | 1.63 | 2.88 | 0.27 | 6.87 | | | | U39RT (4) | Black | 24 |
| YBA44FX | 750 kcmil G,H DLO 777 (1925/24) | 500 | 1" to 1.75" | 1/2" [12] | 1.62 | 3.00 | 0.32 | 7.14 | | | | U44XRT (4) | Yellow | L115 |
| YBA44FX58 | | 500 | 1.25" to 2.00" | 5/8" [16] | 1.62 | 3.00 | 0.32 | 7.46 | | | | *P44XRT (4) | | |

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies

** OUR840 can use X-style dies only

• P-RT dies for Y / PAT46 Tooling only

