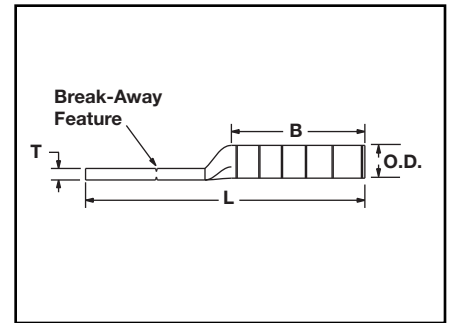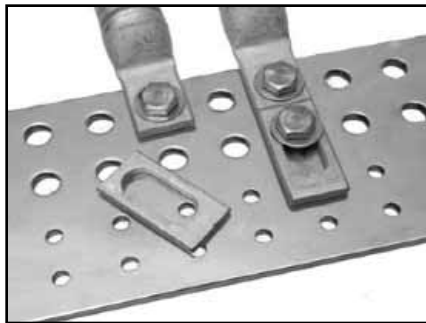# TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™

Copper and Aluminum
Compression Terminals

UL Listed 90° C,
600 Volts to 35 kV

The BREAK-AWAY™ line of Copper and Aluminum HYLUG™ 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.

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

Features and Benefits

- BREAK-AWAY feature allows for field modification of the terminal from a two-hole design to a one-hole design and the terminal still retains its UL Listing and CSA Certification.
- Field modification of the terminal does not require specialized tooling or training.
- Stud size is 1/2″ (12 mm^2) on the first stud as well as the slotted second stud.
- Slotted second stud provides built in flexibility for the terminal to conform to various bus bar dimensions. With the slotted second stud, the terminal can be used on two-hole spacing ranging from 1.00″ to 1.75″ for 1/2″ stud hole sizes and 0.63″ to 1.00″ for 1/4″ stud hole size.

- Narrow tongue design allows for the terminal to fit into tight spaces.
- Accommodates a wide range of conductor combinations (AWG, Compact, DLO, Flex as well as Metric).
- The BREAK-AWAY™ line of terminals can be installed with standard BURNDY® tooling (example: PAT750XT-18V) and U-dies.
- Terminals are range taking when installed with Y644 tooling platforms.

Copper Conductor

Catalog Number	Conductor Size	mm²	Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500CTHS, PAT60018V, PATMD6 platform	Y35, Y39, Y750, *Y46, PAT750, *PAT46 platforms	Color Code	Die Index
YBAV25FX14	1/0 Flex (275/24); 1/0 AWG	50	.63″ to 1.08″	1/4″ [6]	.73″	1.50″	.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 Flex (325/24); 2/0 AWG	70	.63″ to 1.08″	1/4″ [6]	.89″	1.50″	.13″	3.74″		W26VT (4) X26RT (4) W26RT (4)	W26VT (4) X26RT (4) W26RT (4)	U26RT (2)	Black	13
YBAV27FX14	3/0 Flex (450/24); 3/0 AWG	95	.63″ to 1.08″	1/4″ [6]	.87″	1.50″	.14″	3.78″		W27VT (4) X27RT (4) W27RT (4)	W27VT (4) X27RT (4) W27RT (4)	U27RT (4)	Orange	14
YBAV28FX	4/0 Flex (550/24); 4/0 AWG	120	1″ to 1.75″	1/2″ [12]	.94″	1.62″	.14″	5.24″	PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2) for YBA29, (3) for YBA31FX & YBA32FX, (4) for YBA34FX	X28RT (6) W28RT (4) W28VT (4)	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	Purple	15
YBA29	250 kcmil (Class A & B)	—	1″ to 1.75″	1/2″ [12]	.96″	1.62″	.16″	5.21″		W29RT (4) W29VT (4)	W29RT (4) W29VT (4)	U29RT (2)	Yellow	16
YBA31FX	250 kcmil (Class I, K & M)	150	1″ to 1.75″	1/2″ [12]	.96″	2.00″	.18″	5.68″		W30VT (4) W30RT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17 or 298
YBA32FX	313.1 kcmil Flex (775/24)	185	1″ to 1.75″	1/2″ [12]	.96″	2.12″	.19″	5.85″		W31VT (4) W31RT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18 or 324
YBA34FX	373.7 kcmil Flex (775/24)	240	1″ to 1.75″	1/2″ [12]	.96″	2.25″	.23″	6.08″		W32VT (4) W32RT (4)	W34VT (6) W34RT (6)	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.

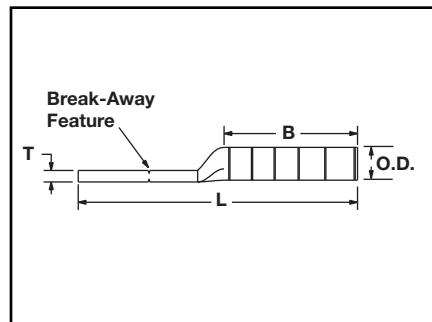**Blue highlighted items are industry standard and most frequently ordered.**

TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™ (Continued)

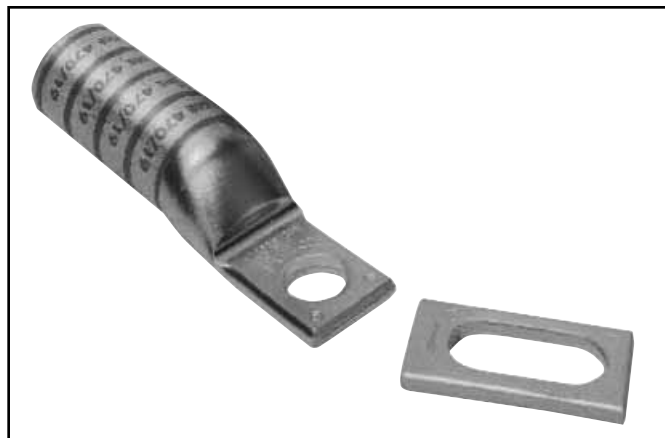Copper and Aluminum
Compression Terminals

UL Listed 90° C,
600 Volts to 35 kV

Copper Conductor (Continued)

Catalog Number	Conductor Size	mm²	Dimensions						Installation Tooling (# of crimps)		Color Code	Die Index
			Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L	Dieless	Y35, Y39, Y750, *Y46, PAT750, *PAT46 Platforms		
YBA36FX	440 kcmil Flex 444.4 kcmil (1100/24)	—	1" to 1.75"	1/2" [12]	1.47"	2.69"	.27"	6.59"	Y644, PAT644 (1), Y81K, PAT81K (2)	U34RT (4)	Brown	20 or 299
YBA36FX58			1" to 1.75"	5/8" [16]								
YBA38FX	535.3 Flex (1325/24) 500 kcmil nom.	300	1" to 1.75"	1/2" [12]	1.62"	2.81"	.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"	.27"	6.87"		U39RT (4)	Black	24
YBA44FX	750 kcmil Flex (Class I); 777.7 Flex (1925/24)	500	1" to 1.75"	1/2" [12]	1.62"	3.00"	.32"	7.14"		U44XRT (4)	Yellow	L115
YBA44FX58			1" to 1.75"	5/8" [16]								

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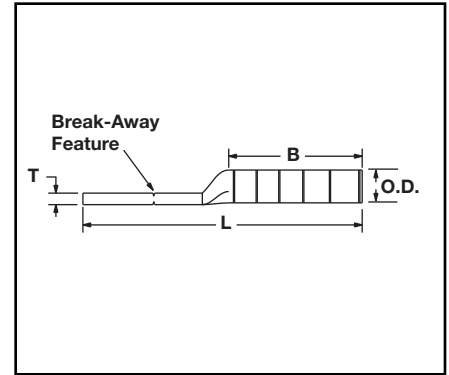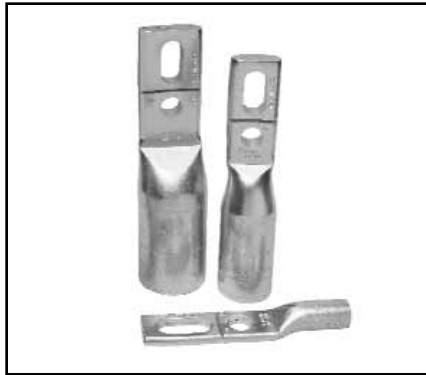U dies.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YBA, YBA-FX, YBAV-FX and YBA-A

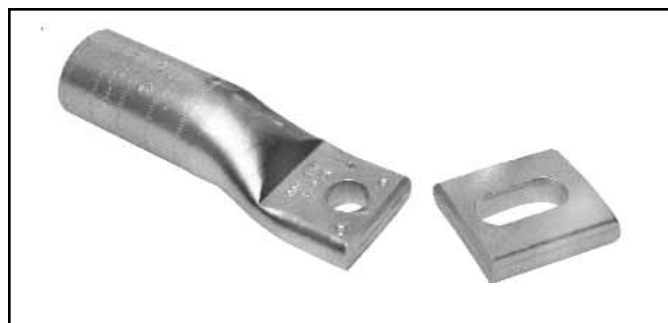**BREAK-AWAY™ HYLUG™**
(Continued)

Copper and Aluminum
Compression Terminals

UL Listed 90° C,
600 Volts to 35 kV

Break-Away Feature

Aluminum Conductor

Catalog Number	Conductor Size (Concentric and Compact)	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 platforms	Color Code	Die Index
YBA25A	1/0	1″ to 1.75″	1/2″ [12]	1.03″	1.05″	.17″	4.59″	MY29 **(MY29 platform tools can only be used on Code Conductor)**, PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K. Y4PC, PAT4PC platforms (2)	W241 (2) X241 (4)	W241 (2)	U25ART (1)	Tan	296
YBA26A	2/0	1″ to 1.75″	1/2″ [12]	1.03″	1.17″	.20″	4.78″		—	—	U26ART (2)	Olive	297
YBA27A	3/0	1″ to 1.75″	1/2″ [12]	1.04″	1.31″	.26″	5.02″		—	—	U27ART (2)	Ruby	467
YBA28A	4/0	1″ to 1.75″	1/2″ [12]	1.17″	1.39″	.30″	5.19″		W660 (4) X660 (8)	W660 (4)	U28ART (2)	White	298
YBA29A	250 kcmil	1″ to 1.75″	1/2″ [12]	1.26″	1.45″	.33″	5.28″	PAT644 & Y644 platforms (1) 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2)	—	—	U29ART (2)	Red	324
YBA30A	300 kcmil	1″ to 1.75″	1/2″ [12]	1.38″	1.53″	.36″	5.64″		—	—	U30ART (2)	Blue	470
YBA31A	350 kcmil	1″ to 1.75″	1/2″ [12]	1.52″	1.85″	.39″	6.07″	PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (4)	—	—	U31ART (2)	Brown	299
YBA32A	400 kcmil	1″ to 1.75″	1/2″ [12]	1.62″	2.26″	.43″	6.16″		—	—	U32ART (4)	Green	472
YBA34A	500 kcmil	1″ to 1.75″	1/2″ [12]	1.62″	2.34″	.46″	6.80″		—	—	U34ART (4)	Pink	300
YBA36A	600 kcmil	1″ to 1.75″	1/2″ [12]	1.31″	2.47″	.52″	7.09″		—	—	U36ART (4)	Black	473
YBA39A	700 & 750 kcmil	1″ to 1.75″	1/2″ [12]	1.62″	2.46″	.43″	7.07″		—	—	U39ART-2 (2)	Yellow	936
YBA44A	1000 kcmil	1″ to 1.75″	1/2″ [12]	1.65″	2.74″	.55″	7.76″	Y644MBH (1)	—	—	P44ART† (4)	Brown	302

† Can only be crimped with PAT46 or Y46 platform tools using the P44ART die.
* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies
** OUR840 can use X-style dies only.

Blue highlighted items are industry standard and most frequently ordered.