

DRAWING NO. SD082472-01		1		2		3		4		5		6		7	
15 CATALOG NUMBER		COPPER CONDUCTOR		DIMENSIONS IN/mm					INSTALLATION DATA						
		SIZE		STR.	B MIN.	C	L	O.D.	T	DIE INDEX NO.	HYPRESS™ Y35/Y39/Y45/Y46/Y750 Y60BHU	NO.OF CRIMPS			
YGHA2C2N		#2 (.292 DIA.) [35mm <sup>2</sup> (7.6mm DIA.)]		7	.75 [19]	.97 [25]	4.21 [107]	.50 [13]	.26 [7]	11	UICRT	1			
YGHA252N		1/0 (.372 DIA.) [50mm <sup>2</sup> (9.4mm DIA.)]		7, 19	.83 [21]	.91 [23]	4.60 [117]	.63 [16]	.19 [5]	14	U27RT	1			
YGHA262N		2/0 (.420 DIA.) [70mm <sup>2</sup> (10.9mm DIA.)]		7, 19, 37	.83 [21]	.97 [25]	4.38 [111]	.71 [18]	.26 [7]	15	U28RT	1			
YGHA272N		3/0 (.470 DIA.) [70mm <sup>2</sup> (11.9mm DIA.)]		7, 19	1.18 [30]	1.08 [27]	4.94 [125]	.79 [20]	.29 [7]	16	U29RT	2			
9 YGHA282N		4/0 (.528 DIA.)		7, 12, 19	1.18 [30]	1.22 [31]	4.94 [125]	.89 [23]	.30 [8]	17	U30RT	2			
9 YGHA282NNK		[95mm <sup>2</sup> (12.5mm DIA.)]													
YGHA292N		250 kcmil (.575 DIA.) [120mm <sup>2</sup> (14.4mm DIA.)]		7, 19, 37	1.18 [30]	1.28 [32]	4.94 [125]	.95 [24]	.34 [9]	18	U31RT	2			
YGHA302N		300 kcmil (.630 DIA.) [150mm <sup>2</sup> (16.0mm DIA.)]		12, 19, 37	1.18 [30]	1.42 [46]	5.00 [127]	1.05 [27]	.39 [10]	19	U32RT	2			
YGHA312N		350 kcmil (.681 DIA.) [185mm <sup>2</sup> (17.8mm DIA.)]		12, 19, 37	1.18 [30]	1.62 [41]	5.00 [127]	1.17 [30]	.43 [11]	20	U34RT	2			
YGHA322N		400 kcmil (.728 DIA.) -----		19, 37	1.41 [36]	1.67 [42]	5.54 [141]	1.24 [31]	.48 [12]	209	U209	3			
YGHA342N		500 kcmil (.813 DIA.) [240mm <sup>2</sup> (20.4mm DIA.)]		19, 37	1.48 [38]	1.72 [44]	5.42 [138]	1.24 [32]	.40 [10]	22	U36RT	3			
YGHA362N		600 kcmil (.893 DIA.) [300mm <sup>2</sup> (22.7mm DIA.)] 7/8 (19 NO.5) STRANDED COPPER WELD (.910 DIA.)		37, 61, 91	1.38 [35]	2.10 [53]	5.48 [139]	1.55 [39]	.58 [15]	576	L576	1			
YGHA392N		750 kcmil (.998 DIA.) -----		37, 61	3.03 [77]	2.31 [59]	7.25 [184]	1.70 [43]	.64 [16]	627	L627	2			

NOTES:

1. MATERIAL: COPPER

2. BARREL IS PREFILLED WITH PENETROX™ "E" AND INDIVIDUALLY SEALED.

3 WHERE A "U" OR "PU" IS RECOMMENDED WITH THE Y45 HYPRESS™, A PT6515 ADAPTER MUST BE USED.

4 WHERE A "U" OR "PU" IS RECOMMENDED WITH THE Y46 HYPRESS™, A PUADP-1 ADAPTER MUST BE USED.

5. UL467 LISTED.

6. LISTED UNDER UL486A FOR COPPER WIRE CONNECTORS.

7. SUITABLE FOR DIRECT BURIAL IN EARTH OR CONCRETE.

8. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS, ROUNDED OFF TO THE NEAREST MILLIMETER UNLESS OTHERWISE NOTED. METRIC DIMENSIONS ARE FOR REFERENCE ONLY.

9 THE FOLLOWING KITS CAN BE ORDERED:

YGHA282NKIT1

(1) YGHA282N HYLUG™  
(1) 1/2 OZ TUBE OF PENETROX™ "A"  
(2) 1/2 X 1-3/4 LG SILICON BRONZE HEX BOLTS  
(2) 1/2 SILICON BRONZE HEX NUTS  
(4) 1/2 SILICON BRONZE FLAT WASHERS  
(2) 1/2 SILICON BRONZE SPLIT LOCKWASHERS

YGHA282NKIT2

SAME AS THE YGHA282NKIT1 EXCEPT ALL HARDWARE IS STAINLESS STEEL.

YGHA282NKIT3

SAME AS THE YGHA282NKIT1 EXCEPT IT CONTAINS (2) 1/2 STAINLESS STEEL BELLEVILLE WASHERS INSTEAD OF (2) 1/2 SILICON BRONZE SPLIT LOCKWASHERS. EACH KIT IS PACKAGED IN A POLYBAG.

10 CATALOG NUMBERS YGHA362N & YGHA392N WILL NOT HAVE UL OR CSA LISTING, AND WILL NOT BE MARKED "BURIAL", BECAUSE IT FALLS OUTSIDE THE RANGE TESTED FOR UL/CSA APPROVAL.

CATALOG NO.

TOLERANCE

C

L

YGHA2C2N

±.03  
[±.8]

±.09  
[±2.3]

YGHA252N  
THRU  
YGHA392N

±.08  
[±2.0]

±.12  
[±3.0]

BURNDY  
DIE 15  
2/0 STR  
YGHA262N  
BURIAL

14 10

10 14

TYPICAL LETTERING

BEFORE INSTALLATION

3.00  
MIN.

.63±.06  
[16±1.5]

1.75±.02  
[44.5±0.5]

C

O.D.

.562±.015 DIA.  
[14.3±.38]  
(2 HOLES)

SEE LETTERING VIEW

INSPECTION PROBE HOLE  
FOR CABLE

KNURLED CRIMP  
GUIDE LINES

T

B MIN.

CRIMP BETWEEN  
GUIDE LINES

TO ORDER BURNDY® PRODUCTS CALL  
UNITED STATES  
1-800-346-4175 (LONDONDERRY, NH)  
CANADA:  
1-800-361-6975 (QUEBEC)  
1-800-387-6487 (ALL OTHER PROVINCES)  
FOR PRODUCT INFO: <http://www.burndy.com>

HYLUG™ HEAVY DUTY, GROUND

ITEM NO: N/A

CAT. NO: YGHA-2N (TABLE)

DRAWN BY: H.C. 11/1/78

CHECKER: H.C. 11/1/78

DSN APPVL: ESG 11/7/78

MFG APPVL: --

QA APPVL: A.LLOYD 8/18/92

MKT APPVL: T.NELSON 9/10/92

PROD FAM: CM&R COMPRESSION

PROJECT #: --

DOCUMENT TYPE: Sales

REL LEVEL: Released

SCALE: 1:1

DRAWING NO  
SD082472-01

REV  
K

BURNDY