

DRAWING NO.
SD078561

7654321

CATALOG NUMBER

5

6

AWG

RANGE FOR EQUAL RUN & TAP (COPPER)

MINIMUM TAP WITH MAXIMUM CABLE RUN

CATALOG NUMBER

METRIC WIRE SIZE

RANGE FOR EQUAL RUN & TAP (COPPER)

MINIMUM TAP WITH MAXIMUM CABLE RUN

RECOMMENDED TIGHTENING TORQUE IN-LBS [N-m]

LETTERING LOCATOR TYPE

KS15	#8 SOL (.129)	#10 STR (.116)	#8 STR (.146)	#14 STR (.073)	KS15	10mm ² SOL [3.2]	6mm ² STR [3.3]	10mm ² STR [4.0]	2.5mm ² STR [2.2]	80 [9]	C
KS17	#6 SOL (.162)	#8 STR (.146)	#6 STR (.184)	#14 STR (.073)	KS17	16mm ² SOL [4.0]	10mm ² STR [4.0]	10mm ² STR [4.0]	2.5mm ² STR [2.2]	165 [18.6]	C
KS20	#4 SOL (.204)	#8 STR (.146)	#4 STR (.232)	#14 STR (.073)	KS20	-----	10mm ² STR [4.0]	16mm ² STR [5.1]	2.5mm ² STR [2.2]	165 [18.6]	A
KS22	#2 SOL (.258)	#6 STR (.184)	#3 STR (.260)	#14 STR (.073)	KS22	-----	16mm ² STR [5.1]	25mm ² STR [6.3]	2.5mm ² STR [2.2]	275 [31.1]	A
KS23	#1 SOL (.289)	#6 STR (.184)	#2 STR (.292)	#14 STR (.073)	KS23	-----	16mm ² STR [5.1]	35mm ² STR [7.5]	2.5mm ² STR [2.2]	275 [31.1]	A
KS25	2/0 SOL (.365)	#4 STR (.232)	1/0 STR (.373)	#14 STR (.073)	KS25	-----	25mm ² STR [6.3]	50mm ² STR [9.0]	2.5mm ² STR [2.2]	385 [43.5]	A
KS26	3/0 SOL (.410)	#2 STR (.292)	2/0 STR (.418)	#14 STR (.073)	KS26	-----	35mm ² STR [7.5]	70mm ² STR [10.5]	2.5mm ² STR [2.2]	385 [43.5]	A
KS27	4/0 SOL (.460)	#1 STR (.332)	3/0 STR (.470)	#8 SOL (.129)	KS27	-----	50mm ² STR [9.0]	95mm ² STR [12.5]	10mm ² SOL [3.2]	500 [56.5]	B
KS29	4/0 SOL (.460)	#1 STR (.332)	250 Kcmil (.575)	#8 STR (.146)	KS29	-----	50mm ² STR [9.0]	120mm ² STR [14.0]	10mm ² STR [4.0]	650 [73.4]	A
KS31	-----	1/0 STR (.373)	350 Kcmil (.681)	1/0 STR (.373)	KS31	-----	70mm ² STR [10.5]	185mm ² STR [17.5]	70mm ² STR [10.5]	650 [73.4]	B
KS34	-----	2/0 STR (.418)	500 Kcmil (.814)	2/0 STR (.418)	KS34	-----	70mm ² STR [10.5]	240mm ² STR [20.6]	70mm ² STR [10.5]	825 [93.2]	B
KS39	-----	4/0 STR (.528)	750 Kcmil (.998)	4/0 STR (.528)	KS39	-----	120mm ² STR [14.0]	300mm ² STR [22.5]	120mm ² STR [14.0]	1000 [113.0]	B
KS44	-----	300 Kcmil (.630)	1000 Kcmil (1.152)	4/0 STR (.528)	KS44	-----	150mm ² STR [15.7]	500mm ² STR [29.1]	120mm ² STR [14.0]	1100 [124.3]	B
KS90	#8 SOL (.129)	#12 STR (.092)	#10 STR (.116)	#16 STR (.058)	KS90	-----	4mm ² STR [2.3]	6mm ² STR [3.3]	1.5mm ² STR [1.4]	80 [4]	C

TYPICAL LETTERING TYPE A

KS23 DB 16-35

UL

14-2T 2R

TYPICAL LETTERING TYPE B

R250 T8-250 KS29 DB BURNDY

UL

BURNDY

TYPICAL LETTERING TYPE C

BURNDY KS17 DB 6 RUN

UL

10-16

BURNDY 14-6T

UL

14-6T

NOTES:

1. MATERIAL: COPPER ALLOY

2. DIMENSIONS IN BRACKET [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

3. UL 486A LISTED. FILE NO. E9498.

4. CSA C22.2 NO. 65 LISTED. FILE NO. 42862.

5. UL467 LISTED, FILE NO. E9999. SUITABLE FOR DIRECT BURIAL, THIS DOES NOT APPLY TO KS39 OR KS44.

6. CSA C22.2 NO.41 CERTIFIED. SUITABLE FOR DIRECT BURIAL, THIS DOES NOT APPLY TO KS39 OR KS44.

7. THIS DRAWING TO BE INTERPRETED PER ASME Y14.5M-2009.

8. LISTED TORQUE VALUES ARE FOR MAXIMUM CONDUCTOR COMBINATIONS. CONSULT UL486 A-B TABLES 21, 22, 23, FOR SMALLER CONDUCTOR COMBINATIONS.

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>

SERVIT™

ITEM NO: SEE TABLE

CAT. NO: KS-- (TABLE)

DRAWN BY: D.Dobrinski 8/11/10

CHECKER: J.Hall 8/10/10

DSN APPVL: W.Zahlman 8/11/10

MFG APPVL: -- --

QA APPVL: J.Brodeur 10/13/10

MKT APPVL: J.Hall 8/10/10

PROD FAM: SERVITS

PROJECT #: --

DOCUMENT TYPE: Sales

REL LEVEL: Released

SCALE: 1:1

DRAWING NO SD078561

REV F

SHEET 1 OF 2