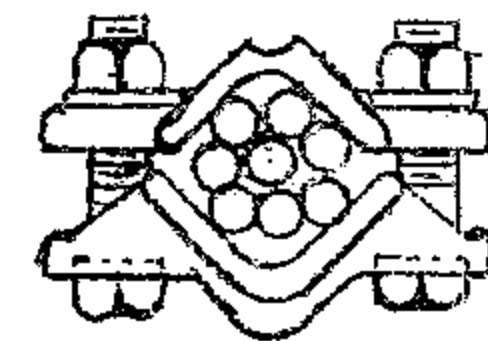


STC8



NOTES:

1. MATERIAL

CASTINGS-255 ELECTRICAL BRONZE ALLOY

HARDWARE-SILICONI BRONZE

NOTE:

1. MULTI-CAPS ARE A STANDARD PART OF THE CAT. NO.

CATALOG NUMBER	CONDUCTOR SIZES		DIMENSION IN INCHES					
	I.P.S.	CABLE MIN. - MAX.	A	B	C	D	D-1	J
STC8-04022-3	1/2"	#6 SOL - #2/0 STR.	2 1/2	5 1/4	2 1/2	2 3/16	2	3/8
STC8-04025-3	1/2"	#4 SOL - 250 MCM	2 1/2	5 3/8	2 1/2	2 3/16	1 7/8	3/8
STC8-04025	1/2"	#4 SOL - 250 MCM	2 1/2	5 3/16	2 1/2	2 1/2	2 1/2	1/2
STC8-06022-3	3/4"	#6 SOL - #2/0 STR.	2 1/2	5 1/4	2 1/2	2 1/2	2	3/8
STC8-06025-3	3/4"	#4 SOL - 250 MCM	2 1/2	5 1/2	2 3/4	2 1/2	1 7/8	3/8
STC8-06025	3/4"	#4 SOL - 250 MCM	2 1/2	5 1/8	2 1/2	2 5/16	2 5/16	1/2
STC8-06050-3	3/4"	1/0 Sol - 500 MCM	2 1/2	5 3/8	2 3/4	2 3/8	2 1/16	3/8
STC8-06050	3/4"	1/0 Sol - 500 MCM	2 1/2	5 5/8	2 3/4	3	2 7/16	1/2
STC8-10025-3	1"	#4 SOL - 250 MCM	2 1/2	5 3/8	2 1/2	2 7/8	1 7/8	3/8
STC8-10025	1"	#4 SOL - 250 MCM	2 1/2	5 3/8	2 1/2	3 3/16	2 1/4	1/2
STC8-10050-3	1"	1/0 Sol - 500 MCM	2 1/2	5 1/2	2 3/4	2 7/8	2 1/16	3/8
STC8-10050	1"	1/0 Sol - 500 MCM	2 1/2	5 3/4	2 3/4	3 3/16	2 7/16	1/2
STC8-10080-3	1"	2/0 Sol - 800 MCM	2 7/8	5 7/8	2 3/4	2 7/8	2 3/8	3/8

DATE 1-12-55
 DWN BY PLW / CKD BY WJS
 APPROVED
 SCALE N

STRAIGHT CONNECTOR
 TUBE TO CABLE
 TYPE STC8

ANDERSON BRASS WORKS, INC.
 BIRMINGHAM, ALABAMA
 CAT. NO. DWG. NO. C-4091

CATALOG NUMBER	CONDUCTOR SIZES		DIMENSIONS IN INCHES					
	I.P.S.	CABLE MIN. - MAX.	A	B	C	D	D-1	J
STC8-10080	1"	3/8 SOL - 800MCM	3 3/4	6 23/32	2 3/4	3 3/16	2 7/8	1/2
STC8-10100	1"	4/8 STR - 1000MCM	3 3/4	7 3/8	3 1/2	3 3/16	2 7/8	1/2
STC8-12025-3	1 1/4"	#4 SOL - 250MCM	2 1/4	5 1/4	2 3/4	3 1/16	1 7/8	3/8
STC8-12025	1 1/4"	#4 SOL - 250MCM	2 1/4	5	2 1/2	3 3/8	2 5/16	1/2
STC8-12050-3	1 1/4"	1/8 SOL - 500MCM	2 1/4	5 1/4	2 3/4	3 1/4	2 1/8	3/8
STC8-12050	1 1/4"	1/8 SOL - 500MCM	2 3/4	5 7/8	2 3/4	3 9/16	2 7/16	1/2
STC8-12080-3	1 1/4"	2/8 SOL - 800MCM	2 7/8	5 7/8	2 3/4	3 1/4	2 7/16	3/8
STC8-12080	1 1/4"	2/8 SOL - 800MCM	2 3/4	5 3/4	2 3/4	3 9/16	2 7/8	1/2
STC8-12100	1 1/4"	4/8 STR - 1000MCM	3 3/4	7 1/2	3 1/2	3 9/16	2 7/8	1/2
STC8-14025-3	1 1/2"	#4 SOL - 250MCM	2 1/4	5	2 1/2	3 1/2	2	3/8
STC8-14025	1 1/2"	#4 SOL - 250MCM	2 3/4	5 5/8	2 1/2	3 11/16	2 5/16	1/2
STC8-14050-3	1 1/2"	1/8 SOL - 500MCM	2 1/4	5 1/4	2 3/4	3 1/2	2 1/8	3/8
STC8-14050	1 1/2"	1/8 SOL - 500MCM	2 3/4	5 3/4	2 3/4	3 11/16	2 7/16	1/2
STC8-14080-3	1 1/2"	2/8 SOL - 800MCM	2 7/8	5 7/8	2 3/4	3 1/2	2 3/8	3/8
STC8-14080	1 1/2"	2/8 SOL - 800MCM	2 3/4	5 3/4	2 3/4	3 13/16	2 7/8	1/2
STC8-14100	1 1/2"	4/8 STR - 1000MCM	3 1/4	7 1/4	3 1/2	3 11/16	2 7/8	1/2
STC8-14150	1 1/2"	250 - 1500MCM	3 1/4	7 1/8	3 3/4	3 13/16	3 5/8	1/2
STC8-14200	1 1/2"	500 - 2000MCM	4 1/2	8 3/4	4	3 7/8	3 3/8	1/2
STC8-20025-3	2"	#4 SOL - 250MCM	2 1/4	5	2 1/2	4	2	3/8
STC8-20025	2"	#4 SOL - 250MCM	2 1/4	5 1/8	2 1/2	4 1/2	2 1/4	1/2
STC8-20050-3	2"	1/8 SOL - 500MCM	2 1/4	5 1/4	2 3/4	4	2 1/8	3/8
STC8-20050	2"	1/8 SOL - 500MCM	2 1/4	5 3/8	2 3/4	4 1/2	2 7/16	1/2
STC8-20080-3	2"	2/8 SOL - 800MCM	2 3/4	5 3/4	2 3/4	4	2 3/8	3/8
STC8-20080	2"	2/8 SOL - 800MCM	2 1/4	5 1/4	2 3/4	4 1/2	2 7/8	1/2
STC8-20100	2"	4/8 STR - 1000MCM	3 1/4	7 1/8	3 1/2	4 1/2	2 7/8	1/2
STC8-20150	2"	250 - 1500MCM	3 1/4	7 1/8	3 3/4	4 1/2	3 5/16	1/2
STC8-20200	2"	500 - 2000MCM	3 1/4	7 1/2	4	4 1/2	3 5/16	1/2
STC8-24025-3	2 1/2"	#4 SOL - 250MCM	2 1/4	5	2 1/2	4 1/2	2	3/8
STC8-24025	2 1/2"	#4 SOL - 250MCM	2 1/2	5 1/2	2 1/2	4 13/16	2 5/16	1/2
STC8-24050-3	2 1/2"	1/8 SOL - 500MCM	2 1/4	5 1/4	2 3/4	4 1/2	2 1/8	3/8
STC8-24050	2 1/2"	1/8 SOL - 500MCM	3 1/4	6 7/16	2 3/4	4 3/4	2 7/16	1/2
STC8-24080-3	2 1/2"	2/8 SOL - 800MCM	2 3/4	5 3/4	2 3/4	4 1/2	2 3/8	3/8
STC8-24080	2 1/2"	2/8 SOL - 800MCM	2 3/4	6	2 3/4	4 3/4	2 7/8	1/2
STC8-24100	2 1/2"	4/8 STR - 1000MCM	3 1/4	7	3 1/2	4 3/4	2 7/8	1/2
STC8-24150	2 1/2"	250 - 1500MCM	3 1/4	7 17/32	3 3/4	4 3/4	3 5/16	1/2
STC8-24200	2 1/2"	500 - 2000MCM	3 1/4	7 1/2	4	4 3/4	3 5/16	1/2

DATE 1-12-55
 OWN BY RLW
 CKD BY WJS
 APPROVED
 SCALE

STRAIGHT CONNECTOR
 TUBE TO CABLE
 TYPE STC8

R/14 ANDERSON BRASS WORKS, INC.
 BIRMINGHAM, ALABAMA
 CAT. NO. DWG. NO. C-4091
 SH. 2 of 4

REV. NO.	DATE	DESCRIPTION	BY	CATALOG NUMBER		CONDUCTOR SIZES		DIMENSIONS IN INCHES					
				IPS	CABLE	A	B	C	D	D-1	J		
												MIN	MAX
				STCB-30025-3	3"	#4 SOL - 250 MCM	2 1/4	5	2 1/2	5 1/8	2	3/8	
				STCB-30025	3"	#4 SOL - 250 MCM	2 1/4	5 1/8	2 7/16	5 1/4	2 5/16	1/2	
				STCB-30050-3	3"	1/0 SOL - 500 MCM	2 1/2	5 5/8	2 3/4	5 1/4	2 7/16	3/8	
				STCB-30050	3"	1/0 SOL - 500 MCM	2 1/2	5 5/8	2 3/4	5 1/4	2 7/16	1/2	
				STCB-30080-3	3"	2/0 SOL - 800 MCM	2 1/2	5 1/2	2 3/4	5 1/8	2 3/8	3/8	
				STCB-30080	3"	2/0 SOL - 800 MCM	3 1/2	6 3/4	2 3/4	5 7/16	2 7/8	1/2	
				STCB-30100	3"	4/0 STR - 1000 MCM	2 1/2	6 3/8	3 1/2	5 1/4	2 7/8	1/2	
				STCB-30150	3"	250 - 1500 MCM	3 1/2	7 7/8	3 3/4	5 7/16	3 5/16	1/2	
				STCB-30200	3"	500 - 2000 MCM	2 1/2	6 7/8	4	5 1/4	3 5/16	1/2	
				STCB-34025-3	3 1/2"	#4 SOL - 250 MCM	2 1/4	5	2 1/2	5 3/4	2	3/8	
				STCB-34025	3 1/2"	#4 SOL - 250 MCM	2 3/8	5 1/8	2 1/2	6 1/8	2 3/8	1/2	
				STCB-34050-3	3 1/2"	1/0 SOL - 500 MCM	2 1/4	5 1/4	2 3/4	5 3/4	2 1/8	3/8	
				STCB-34050	3 1/2"	1/0 SOL - 500 MCM	2 1/2	5 3/4	2 3/4	6 1/16	2 7/16	1/2	
				STCB-34080-3	3 1/2"	2/0 SOL - 800 MCM	2 1/4	5 1/4	2 3/4	5 3/4	2 3/8	3/8	
				STCB-34080	3 1/2"	2/0 SOL - 800 MCM	2 1/2	5 3/4	2 3/4	6 1/8	2 7/8	1/2	
				STCB-34100	3 1/2"	4/0 STR - 1000 MCM	2 3/8	6 1/8	3 1/2	6 1/8	2 7/8	1/2	
				STCB-34150	3 1/2"	250 - 1500 MCM	2 3/8	6 3/8	3 3/4	6 1/8	3 1/8	1/2	
				STCB-34200	3 1/2"	500 - 2000 MCM	2 1/2	6 3/4	4	6 1/8	3 3/8	1/2	
				STCB-40025-3	4"	#4 SOL - 250 MCM	2 1/4	5	2 1/2	6 1/4	2	3/8	
				STCB-40025	4"	#4 SOL - 250 MCM	2 1/2	5 1/2	2 1/2	6 9/16	2 5/16	1/2	
				STCB-40050-3	4"	1/0 SOL - 500 MCM	2 1/4	5 1/4	2 3/4	6 1/4	2 1/8	3/8	
				STCB-40050	4"	1/0 SOL - 500 MCM	2 1/2	5 5/8	2 3/4	6 7/16	2 7/16	1/2	
				STCB-40080-3	4"	2/0 SOL - 800 MCM	2 1/4	5 1/4	2 3/4	6 1/4	2 3/8	3/8	
				STCB-40080	4"	2/0 SOL - 800 MCM	2 1/2	5 5/8	2 3/4	6 9/16	2 7/8	1/2	
				STCB-40100	4"	4/0 STR - 1000 MCM	2 1/2	6 13/16	3 1/2	6 9/16	2 7/8	1/2	
				STCB-40150	4"	250 - 1500 MCM	4	7 31/32	3 3/4	6 9/16	3 5/16	1/2	
				STCB-40200	4"	500 - 2000 MCM	2 1/2	6 3/4	4	6 5/8	3 3/8	1/2	
				STCB-04050-3	1/2"	1/0 SOL - 500 MCM	2 1/2	5 1/2	2 3/4	2 3/16	2 1/16	3/8	
				STCB-04050	1/2"	1/0 SOL - 500 MCM	2 1/2	5 5/8	2 3/4	2 11/16	2 7/16	1/2	
				STCB-06080	3/4"	2/0 SOL - 800 MCM	2 3/16	5 5/8	2 3/4	2 3/4	2 7/8	1/2	
				STCB-06100	3/4"	4/0 STR - 1000 MCM	3	6 3/4	3 1/2	2 5/16	2 7/8	1/2	
				STCB-03025-3	3/8"	#4 SOL - 250 MCM	2 1/8	4 7/8	2 5/8	2 1/16	1 7/8	3/8	
				STCB-12022	1 1/4"	#6 SOL - 2/0 STR	2 3/4	5 3/4	2 1/2	3 7/16	2 3/8	1/2	
				STCB-12150	1 1/4"	250 - 1500 MCM	3 3/4	7 1/16	3 3/4	3 9/16	3 5/16	1/2	
				STCB-12200	1 1/4"	500 - 2000 MCM	3 3/4	7 7/8	4	3 9/16	3 5/16	1/2	

R/18 14

DATE 1-12-55
 DWN BY RW CKD BY WS
 APPROVED
 SCALE

STRAIGHT CONNECTOR
 TUBE TO CABLE

ANDERSON ELECTRIC CORP.
 LEEDS ALABAMA

CAT. NO. STCB DWG. NO. C-4091

CATALOG
NUMBER

CONDUCTOR SIZES

DIMENSIONS IN INCHES

STC8-10200

IPS

CABLE
MIN. MAX.

A

B

C

D

D-1

J

1

500-2000 MCM

2 1/2

6 5/8

4

3 3/16

3 5/16

1/2

REVISIONS

BY

DESCRIPTION

NO.

DATE

REVISIONS

BY

DESCRIPTION

NO.

DATE

MDY

REV. CABLE RANGES (ICK 1887)

1

2-19-80

DATE 1-30-80

DWN BY RH CKD BY

APPROVED

SCALE

STRAIGHT CONNECTOR

TUBE TO CABLE

R/φ 14



ANDERSON
ELECTRICAL CONNECTORS
SQUARE D COMPANY
LEEDS ALABAMA

CAT. NO. STC8

DWG. NO. C-409

SHEET 4 G