

ClampStar® repair units (CRU) quickly and easily correct damaged conductor on energized lines. Great for gunshot or other types of damage on conductors

sized from 2/0 – 2515 kcmil. After brushing the conductor, ClampStar is placed over the damaged area and is installed with only a nut driver.

ClampStar, an engineered mechanical and electrical shunt that significantly reduces whole-span wire replacement cost is the industry's only PERMANENT, life extension solution for virtually all overhead conductors of **any voltage class**. ClampStar restores both electrical and mechanical integrity on weathered conductors.

ClampStar units are readily and quickly installed from any aerial platform (including helicopters). And may be used for a variety of repair situations, at splices, dead-ends, suspension systems, OHSW, OPGW or wherever conductor or attachment hardware damage has occurred, or may occur.

ClampStar shunts provide an excellent solution for PERMANENT mechanical and electrical upgrade to existing connections without costly replacement, repair or expensive downtime.



## ClampStar® IS EASY TO INSTALL

- Installs in less than 10 minutes with NO power interruption!
- Easily installs over damaged conductor
- No voltage limitations
- Shipped pre-loaded with proprietary, high performing CC<sup>2</sup> inhibitor
- · Installs with a hot stick or Bare-Hand
- Exceeds ANSI C119.4 Class AA, extra heavy duty
- · No mechanical grips, Come-Alongs, jumper cables or cutters needed



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## ClampStar® DATA CHART

F = Flexible Rail conductor diameter

S = Single Rail in inches (ex 1.108")

clearance in inches

***		Conductor Diameter Range				***** Average Weight		***** Overall Length		
Frame	ClampStar® Part #	Conductor Range	Inches	mm	Keeper # per side	Lbs.	kg	Inches	cm	
RIGID	CSR-0325L-007-P***	#6 AWG - #2 AWG	0.162 - 0.325	4.11 – 8.3	1	1.75	.79	12	30.5	
	CSR-0325-015	#6 AWG - #2 AWG	0.162 - 0.325	4.11 – 8.3	2	3.5	1.6	26.38	67.0	
	CSR-0609-024	#2 AWG - 266.8 kcmil	0.316 - 0.609	8.0 – 15.5	2	7	3.2	43	109.2	
	CSR-0642L-024***	2/0 AWG - 266.8 kcmil	0.349 - 0.642	8.9 – 16.3	2	7	3.2	43	109.2	
	CSR-0642-024	2/0 AWG - 266.8 kcmil	0.349 - 0.642	8.9 – 16.3	3	14	6.4	52.8	134.1	
	CSR-0883L-024***	3/0 AWG - 477 kcmil	0.502 - 0.883	12.8 – 22.4	2	13	5.9	44.0	111.8	
	CSR-0883-036	3/0 AWG - 477 kcmil	0.502 - 0.883	12.8 – 22.4	3	22	10.0	59.5	151.1	
	CSR-1108L-024***	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 – 28.1	2	14.4	6.5	44	111.8	
	CSR-1108-040	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 – 28.1	4	27	12.2	78.8	200.1	
	CSR-1631-048	1272 kcmil - 1780 kcmil	1.292 - 1.631	32.8 – 41.5	20	40	18.1	100	254.0	
	CSR-1912S-060	1351.5 kcmil - 2515 kcmil	1.524 - 1.912	38.7 – 48.6	20	58	26.3	112	284.5	
FLEXIBLE	CSF-0642-036	2/0 AWG - 266.8 kcmil	0.349 - 0.642	8.9 – 16.3	3	13	5.9	65	165.1	
	CSF-0883-036	3/0 AWG - 477 kcmil	0.502 - 0.883	12.8 – 22.4	3	22	10.0	65.5	166.4	
	CSF-1108-040	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 – 28.1	4	31	14.1	79	200.7	
	CSF-1302-048	715.5 kcmil - 1272 kcmil	1.036 - 1.345	26.3 – 34.2	5	40	18.1	99	251.5	
SINGLE*	CSS-0642L-036***	2/0 AWG - 266.8 kcmil	0.349 - 0.642	8.9 – 16.3	2	9	4.1	55.6	141.2	
	CSS-0642-036	2/0 AWG - 266.8 kcmil	0.349 - 0.642	8.9 – 16.3	3	12	5.4	65	165.1	
	CSS-0883-040	3/0 AWG - 477 kcmil	0.502 - 0.883	12.8 – 22.4	3	18	8.2	69.5	176.5	
	CSS-1108-048	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 – 28.1	4	28	12.7	87	221.0	
	CSS-1302-060	715.5 kcmil - 1272 kcmil	1.036 - 1.345	26.3 - 34.2	5	40	18.1	111	282.0	
	CSS-1631-DE-060-X	1272 kcmil - 1780 kcmil	1.292 – 1.631	32.8 – 41.5	20/12	44	20.0	118	299.8	
	CSS-1912S-DE-066-X	1351.5 kcmil - 2515 kcmil	1.524 – 1.912	38.7 – 48.6	20/12	62	28.1	112	284.5	
▲OHSW & OPGW	OHSW-0656-INS-033		0.349 - 0.665	8.9 – 16.9	3	14.5	6.6	47.4	120.4	
	OHSW-0656-NIN-033		0.349 - 0.665	8.9 – 16.9	3	12.5	5.7	47.4	120.4	
	OHSWR-0656-018		0.349 - 0.665	8.9 – 16.9	3	13.2	6.0	46.8	118.9	
	OPGW-0656-INS-033		0.349 - 0.665	8.9 – 16.9	3	14.7	6.7	47.4	120.4	
	OPGW-0656-NIN-033		0.349 - 0.665	8.9 – 16.9	3	15.1	6.8	47.4	120.4	
	OPGWR-0656-018		0.349 - 0.665	8.9 – 16.9	3	12.9	5.9	46.8	118.9	
CRU	CRU-0642-014	2/0 AWG - 266.8 kcmil	0.319 - 0.642	8.1 – 17.3	3	3	1.4	14.4	36.5	
	CRU-0883-015	3/0 AWG - 477 kcmil	0.502 - 0.883	12.8 – 22.4	3	7	3.2	19.4	49.3	
	CRU-1108-019	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 – 28.1	4	12	5.4	19.4	49.3	
	CRU-1302-025	715.5 kcmil - 1272 kcmil	1.036 – 1.345	26.3 – 34.2	5	16	7.3	25.4	64.5	
	CRU-1631-16-04	1272 kcmil - 1780 kcmil	1.292 – 1.631	32.8 – 41.5	16	13.3	6.0	26.0	66.0	
Inhibit	CRU-1912-16-04	1351.5 kcmil - 2515 kcmil	1.424 – 1.912	36.0 – 48.6	16	13.6	6.2	26.0	66.0	
CC2-8		CC <sup>2</sup> Inhibitor – 8 ounce bot	CC <sup>2</sup> Inhibitor – 8 ounce bottle							
	a Shield 883-230 CSC-1302	24E** CCC 0992 245	45** CSC-0883-345 CSC-XXXX-500 ** Same shield is used for 230 and 345 kV applications							
C3C-0	003-230   CSC-1302	-345 C3C-U883-345	CSC-XXXX-500 ** Same shield is used for 230 and 345 kV applications							

CSS units can be used for suspension clamp and deadend applications. They may be ordered with tether and related hardware depending on application, which affects the overall weight of the overall unit.

LIGHT Version for all types of AAC conductor and low tension/short span applications.

Last three digits in part number designate the inside frame clearance in inches. Standard clearance lengths are shown and special lengths are available. For non-standard lengths, insert the desired clearance length as 3 digits following the part number expressed as inches; I.e., 044 = 44 inches, 068 = 68 inches, and 108 = 108 inches. Example: CSF-1108-044.

\*\*\*\*\* Overall lengths, weights and prices are for units with standard inside frame clearance. To determine the overall length of units with special frame clearance, adjust the standard overall length shown by the difference in standard and special inside frame clearances

▲OHSW & OPGW units CANNOT be used on current-carrying conductors.

NOTE 1: For use on copper conductors, add "-P" to the Part Number to obtain the unit with plated

NOTE 2: Although larger ClampStar units will fit smaller conductor diameters, it is more cost effective to use the smallest ClampStar possible for each specific application. For the most accurate ClampStar selection, use the Max. Conductor Diameter instead of ACSR range to determine the  $correct\ ClampStar\ for\ your\ particular\ application.\ As\ always,\ please\ feel\ free\ to\ consult\ the\ factory$ for additional information.

NOTE 3: Safe-T-Link SST tether assemblies are available for applications requiring additional mechanical support – contact factory for additional information.

For larger or custom sizes, please consult the factory. To view a complete listing of our products and pricing visit www.classicconnectors.com

ON MY WATCH - WHEN IT COMES TO **SAFETY & RELIABILITY** I'LL REMOVE ALL DOUBT WITH **ClampStar**?



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