

# ClampStar® THE BEST METHOD TO PERMANENTLY PROTECT & IMPROVE THE SAFETY OF OVERHEAD CONNECTIONS



REPAIRS BEFORE CLAMPSTAR®



ClampStar® CSR-0325L-007-P



ClampStar® CSR-0325-015

## ClampStar® Prevent power outages due to failed connectors while creating a safer, more reliable smart grid.

ClampStar® model #'s CSR-0325L-007 (for copper conductor) & CSR-0325-015 (for aluminum conductor) are designed to protect automatic splices on overhead conductors sized from #6 - #2 AWG.

To prevent galvanic corrosion, each unit is prefilled with proprietary CC<sup>2</sup> inhibitor and CSR-0325L-007 units are supplied with nickel-plated keepers. Additionally, torque limiting nuts are provided for ease of installation which can quickly and effortlessly be performed on energized lines with a hot-stick or gloves.

ClampStar® helps avoid potential catastrophes and expensive lawsuits resulting from failing overhead splices. In just minutes, this eliminates risk and prevents connector failures before they occur, without costly replacement, repair or expensive downtime. Additional sizes are available for splices, suspension clamps, deadends, overhead shield wire (OHSW) and damaged conductor repair. ClampStar® units are also available for use on all aluminum conductors, e.g. ACSR, AAC, AAAC, ACAR, ACSS & fiber composite core.

## ClampStar® IS EASY TO INSTALL

ClampStar® is shipped ready to install. Plus, all ClampStar units are shipped from the factory pre-loaded with proprietary, high performing CC<sup>2</sup> inhibitor.

- Installs in less than 5 minutes
- Install with hot stick or Bare-Hand
- Easily installs over an existing splice.
- No mechanical grips, COME-ALONGS, jumper cables or cutters needed.

# ClampStar® DATA CHART

**CS R - 1108 - 030**  
 ClampStar — R = Rigid Rail  
 F = Flexible Rail  
 S = Single Rail  
 Nominal maximum conductor diameter in inches (ex 1.108")  
 Inside frame clearance in inches (ex .30)

****		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	1.4	26.38	67.0
	CSR-0609-024	#2 AWG - 266.8 kcmil	0.319 - 0.609	8.1 - 15.5	2	7	3.2	43	109.2
	CSR-0642L-024****	2/0 AWG - 266.8 kcmil	0.319 - 0.642	8.1 - 16.3	2	7	3.2	43	109.2
	CSR-0642-024	2/0 AWG - 266.8 kcmil	0.319 - 0.642	8.1 - 16.3	3	10.5	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	18	8.2	59.5	151.1
	CSR-1108L-024****	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 - 28.1	2	15	6.8	44	111.8
	CSR-1108-040	336.4 kcmil - 795 kcmil	0.684 - 1.108	17.4 - 28.1	4	24	10.9	78.8	200.1
	CSR-1631-048	1272 kcmil - 1780 kcmil	1.345 - 1.631	34.1 - 41.5	20	36	16.4	100	254.0
CSR-1912-060	1351.5 kcmil - 2515 kcmil	1.424 - 1.912	36.0 - 48.6	20	38	17.2	112	284.5	
FLEXIBLE	CSF-0642-036	2/0 AWG - 266.8 kcmil	0.319 - 0.642	8.1 - 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	28	12.7	79	200.7
	CSF-1302-048	715.5 kcmil - 1272 kcmil	1.036 - 1.345	26.3 - 34.2	5	39	17.7	99	251.5
SINGLE*	CSS-0642L-036****	2/0 AWG - 266.8 kcmil	0.319 - 0.642	8.1 - 16.3	2	9	4.1	55.6	141.2
	CSS-0642-036	2/0 AWG - 266.8 kcmil	0.319 - 0.642	8.1 - 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	20	9.1	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	18.2	111	282.0
	CSS-1631-066	1272 kcmil - 1780 kcmil	1.345 - 1.631	34.1 - 41.5	20	35	15.9	118	299.8
	CSS-1912-060	1351.5 kcmil - 2515 kcmil	1.424 - 1.912	36.0 - 48.6	20	39	17.7	112	284.5
▲OHSW & OPGW	OHSW-0656-INS-039		0.319 - 0.665	8.1 - 16.9	3	14.5	6.6	47.4	120.4
	OHSW-0656-NIN-039		0.319 - 0.665	8.1 - 16.9	3	12.5	6.8	47.4	120.4
	OHSWR-0656-018		0.319 - 0.665	8.1 - 16.9	3	12.7	5.8	46.8	118.9
	OPGW-0656-INS-039		0.349 - 0.679	8.9 - 17.3	3	14.7	6.7	47.4	120.4
	OPGW-0656-NIN-039		0.349 - 0.679	8.9 - 17.3	3	15.1	6.8	47.4	120.4
	OPGWR-0656-018		0.349 - 0.679	8.9 - 17.3	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	10.5	4.8	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	20	9	25.4	64.5
	CRU-1631-16-04	1272 kcmil - 1780 kcmil	1.345 - 1.631	34.1 - 41.5	16	13.3	6.0	26.0	66.0
	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
Inhibitor									
CC2-8		CC <sup>2</sup> Inhibitor - 8 ounce bottle							
Corona Shield									
CSC-0883-230	CSC-1302-345**	CSC-0883-345	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 keepers. Example: CSR-0325L-007-P.

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](http://www.classicconnectors.com)

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



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