# elastimold Product Specifications

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		Page: File:	: 1 of 2 PSS-к676Сн-w2x
15/25kV	900A Deadbreak Separable "H" Joint	w/ Test Point	K676CH-W2X



# Features:

- 15/25kV, 900A Deadbreak rated separable connector
- Design with Compression or Shear bolt connectors
- Fully shielded, fully submersible, 100% peroxide cured
   EPDM molded rubber and electrolytic Copper
- Reusable components reduce inventory and other costs
- Includes integral capacitive test point

## K676CH-W2X Deadbreak Separable "H" Joint

## Applications:

Elastimold® separable cable joints are modular kits: 2-way, 3-way or 4-way insulated bus bars and retractable straight receptacle housings. The K676CH Separable "H" joint is based on the 4-way bus bar. The cables are bolted via compression lug or shear bolt connectors to the bar. The straight receptacle house slides over the connections to form a fully shielded, fully submersible 4-way disconnectable cable joint. The K676CH cable joint is used to join cables in a disconnectable 4-way joint. It is compact size and ideal for small vaults and manholes application.

K676CH is modular and ideal where separable components are required to accommodate future system circuit changes or expansions. It can also be used initially as 4-way joint with insulated caps on the unused interfaces. The K676CH can also be used in direct -buried applications.

#### **Ratings:**

Meets ANSI/IEEE Standard 386, Latest Revision

#### For 15kV Voltage Class:

8.3kV Max Phase-to-Ground – Operating Voltage
14.4kV Max Phase-to-Phase
95kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
34kV AC – One minute withstand
53kV DC – 15 minutes withstand
11kV AC – Corona Extinction @ 3pC sensitivity
900 Amp – Continuous
25kA Sym – 10 Cycles Momentary

#### For 25kV Voltage Class:

16.2kV Max Phase-to-Ground – Operating Voltage 28kV Max Phase-to-Phase 140kV BIL – Impulse Withstand (1.2 x 50 microsecond wave) 45kV AC – One minute withstand 84kV DC – 15 minutes withstand 21kV AC – Corona Extinction @ 3pC sensitivity **900 Amp – Continuous** 25kA Sym – 10 Cycles Momentary



# elastimold Product Specifications Issue 07/25/20

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15/25kV	900	A Dea		ik Sep bint	arable "H"	,	w/ Test I	Point	K6760	CH-W2	X
00"	7	14 OR				Ord	lering	Instruc	tions:		
, Dmm	16.88" 429,0m		3.51 89,0	mm CONCEN	SB, 5mm	A. Dete Selea diam each Step Inser Step Choo	ct the insula eter from V cable. 2 rt conductor 3 (X) ose the prop	ation letter co V table below r material coo per compress	meter of the cat de that best str r. Insert code in de for each cabl sion lug code ad Insert code into	addles th to catalog e. ccording t	g num to the
-		947, Omm			xxx				s with more th	han 20	
Compression Lug Shear bolt Lug		W Code K676CH - 2 W Code K676CH -			Code	<b>Exa</b> The joint	characters refer to factory. <b>Example:</b> The ordering number for a 900 Am joint for cable insulation diameter of 1/0 stranded aluminum conductor		900 Amp 4-way meter of .88 inc	r of .88 inches and a	
Officar		1.07.00			▲ 1				<u> </u>		
Onear		10700	- 12								1
Unear		10700	5	<b>↑</b>			e AWG or mil	Copper			) /YY
onean		10700		1				Copper Connector Part #	XXX Compression Connector Code	Shea Conr	arbolt
		-		1	↓ <b></b> ▲	kc Strand./	mil Solid/	Connector	Compression Connector	Shea Conr	arbolt nector
Ca	ble Insulation neter in inches	Cable Ir	nsulation rsun mm	Sumbal	¶	kc Strand./	mil Solid/ Comp.	Connector Part #	Compression Connector Code	Shea Conr	arbolt nector
Ca	ble Insulation neter in inches	Cable Ir	nsulation	Symbol for W	¶	kc Strand./ Compr. -	mil Solid/ Comp. #2	Connector Part # 3702210	Compression Connector Code 210	Shea Conr	arbolt nector
Ca Diar	ble Insulation neter in inches N. MAX.	Cable Ir Diamete	nsulation er in mm	-		kc Strand./ Compr. - #2	mil Solid/ Comp. #2 #1 1/0 2/0	Connector Part # 3702210 3702220 3702230 3702240	Compression Connector Code 210 220 230 240	Shea Conr Co	arbolt nector
Ca Diau MI	ble Insulation meter in inches N. MAX. 40 0.820	Cable Ir Diamete MIN.	nsulation er in mm MAX.	for W		kc Strand./ Compr. - #2 #1	mil Solid/ Comp. #2 #1 1/0 2/0 3/0	Connector Part # 3702210 3702220 3702230 3702240 3702250	Compression Connector Code 210 220 230 240 250	Shea Conr	arbolt nector
Ca Diar 0.6 0.7 0.8	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050	Cable Ir           Diameter           MIN.           16.26           19.30           21.59	MAX.           20.83           24.13           26.67	for W F G H		kc Strand./ Compr. - #2 #1 1/0	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 3/0 4/0	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702250	Compression Connector Code 210 220 230 240 250 260	Shea Conr Co	arbolt nector
Ca Diau 0.6 0.7 0.8 0.9	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.180	Cable Ir Diamete MIN. 16.26 19.30 21.59 24.89	Insulation           er in mm           MAX.           20.83           24.13           26.67           29.97	for W F G H J		kc Strand./ Compr. - #2 #1 1/0 2/0 3/0 4/0	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702270	Compression Connector Code 210 220 230 240 250 260 270	Shea Conr Co	arbolt nector
Ca Diau 0.6 0.7 0.8 0.9 1.0	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.180           90         1.310	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69	Max.           20.83           24.13           26.67           29.97           33.27	for W F G H J K		kc Strand./ Compr. - #2 #1 1/0 2/0 3/0 4/0 250	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702250 3702260 3702270 3702280	Compression Connector Code 210 220 230 240 250 260 260 270 280	Shea Conr Co	arbolt nector
Ca Diau 0.6 0.7 0.8 0.9	ble Insulation meter in inches N. MAX. 40 0.820 60 .950 50 1.050 80 1.180 90 1.310 80 1.465	Cable Ir Diamete MIN. 16.26 19.30 21.59 24.89	Insulation           er in mm           MAX.           20.83           24.13           26.67           29.97	for W F G H J		kc Strand./ Compr. - #2 #1 1/0 2/0 3/0 4/0 250 300	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 350	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702250 3702260 3702280 3702280	Compression Connector Code 210 220 230 240 250 260 270 280 280 290	Shea Conr Co	arbolt nector ode
Ca Diau 0.6 0.7 0.8 0.9 1.0 1.1	ble Insulation meter in inches N. MAX. 40 0.820 60 .950 50 1.050 80 1.180 90 1.310 80 1.465 80 1.430	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97	Max.           20.83           24.13           26.67           29.97           33.27           37.21	for W F G H J K L		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 350 350	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702250 3702260 3702270 3702280 3702290 3702290	Compression Connector Code 210 220 230 240 250 260 270 280 290 300	Shea Conr Co	arbolt nector ode
Ca Dian 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.5	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.465           80         1.430           70         1.630           50         1.780	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 2/0 3/0 4/0 250 300 350 350 400 450/500	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702270 3702280 3702290 3702300 3702310	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310	Shea Conr Co	arbolt nector ode
Ca Diau 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.465           80         1.430           70         1.630           50         1.780	Cable Ir Diamete MIN. 16.26 19.30 21.59 24.89 27.69 29.97 32.51 34.80	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40	for W F G H J K L L M M		kc Strand./ Compr. - #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 250 300 350 400 450/500 550	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702270 3702280 3702290 3702290 3702300 3702310	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310	Shea Conr Co	arbolt nector ode
Ca Dian 0.66 0.77 0.88 0.99 1.00 1.11 1.22 1.33 1.55 1.77	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.465           80         1.430           70         1.630           50         1.780	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 500	Solid/ Comp.           #2           #1           1/0           2/0           3/0           4/0           250           300           350           4/0           250           300           350           400           550           600	Connector Part # 3702210 3702220 3702230 3702250 3702250 3702250 3702260 3702280 3702280 3702290 3702290 3702300 3702310	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310 320 330	Shea Conr Co	arbolt nector ode
Ca Dian 0.66 0.77 0.88 0.99 1.00 1.11 1.22 1.33 1.55 1.77	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.180           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 500 550	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 250 300 350 400 450/500 550	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702270 3702280 3702290 3702290 3702300 3702310	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310	Shea Conr Co	arbolt nector ode
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Ca Dian MII 0.64 0.77 0.88 0.99 1.00 1.11 1.22 1.33 1.55 1.77 Cc 1 2 1	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935           ontents:         4-Way Bus Bar           Si-Lubricant         Installation           Instruction         Instruction	Cable Ir Diamete MIN. 16.26 19.30 21.59 24.89 27.69 29.97 32.51 34.80 39.7 43.82 K676CH-BU 82-08 IS-1074	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 550 600 650	Solid/ Comp.           #2           #1           1/0           2/0           3/0           4/0           250           300           4/0           250           300           350           400           450/500           550           600           650           700	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702280 3702280 3702280 3702300 3702300 3702310 3702330 3702330	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310 320 330 340 350	AC01	arbolt nector ode
Ca           Dian           Mill           0.66           0.77           0.88           0.99           1.00           1.11           1.22           1.33           1.55           1.77           Cc           1           2           1           4	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935           ontents:         4-Way Bus Bar           Si-Lubricant         Installation           Instruction         Straight receptacle	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7           43.82           K676CH-BU           82-08           IS-1074           K655YSR	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 550 600 650 700/750	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 250 300 350 400 450/500 550 600 650 650 700 750	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702270 3702280 3702280 3702300 3702310 3702310 3702320 3702330 3702350 3702350	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310 320 330 330 340 350 360	AC01	arbolt nector ode
Ca Dian MII 0.64 0.77 0.88 0.99 1.00 1.11 1.22 1.33 1.55 1.77 Cc 1 2 1	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935           ontents:         4-Way Bus Bar           Si-Lubricant         Instruction           Instruction         Straight receptacle           Compression Lug (if selected)         selected)	Cable Ir Diamete MIN. 16.26 19.30 21.59 24.89 27.69 29.97 32.51 34.80 39.7 43.82 K676CH-BU 82-08 IS-1074	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 550 600 650 700/750 800	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 250 300 350 400 450/500 550 600 650 600 650 700 750 800/900	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702270 3702280 3702290 3702300 3702310 3702310 3702330 3702330 3702350 3702350	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310 320 330 330 340 350 360 380	AC01	AC
Ca           Dian           MII           0.66           0.77           0.88           0.99           1.00           1.12           1.33           1.55           1.77           Cc           1           2           1           4	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935           ontents:         4-Way Bus Bar           Si-Lubricant         Installation           Instruction         Straight receptacle           Compression Lug (If selected)         Shear Bolt           Shear Bolt         connector (If	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7           43.82           K676CH-BU           82-08           IS-1074           K655YSR           03702XXX           EACT-0300	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M M N		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 550 600 650 700/750 800 900	Solid/ Comp.           #2           #1           1/0           2/0           3/0           4/0           250           300           350           4/0           250           300           350           400           450/500           550           600           650           700           750           800/900           -	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702250 3702260 3702270 3702280 3702290 3702300 3702300 3702330 3702330 3702330 3702350 3702380 3702380	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 300 310 320 330 330 340 350 360 380 390	AC01	AC
Ca           Dian           Mill           0.6           0.77           0.8           0.99           1.00           1.14           1.22           1.33           1.55           1.77           Ccc           1           4           4	ble Insulation meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935           ontents:         4-Way Bus Bar           SI-Lubricant         Installation           Instruction         Straight receptacle           Compression Lug (If selected)         Shear Bolt connector (If selected)	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7           43.82           K676CH-BU           82-08           IS-1074           K655YSR           03702 <u>XXX</u> EACT-0300, 1250.	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M N P		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 550 600 650 700/750 800	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 4/0 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 250 300 4/0 550 600 700 750 800/ 700 750 700 750 700 750 700 750 700 750 700 750 700 750 700 750 700 750 700 750 800/900 750 700 750 800/900 750 700 750 700 750 800/900 750 75	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702280 3702280 3702280 3702300 3702300 3702310 3702330 3702330 3702340 3702350 3702380 3702390	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310 320 330 340 350 350 360 380 390	AC01	ACI
Ca           Diau           MIII           0.6           0.77           0.88           0.99           1.00           1.11           1.22           1.33           1.55           1.77           Cc           1           4           4           4           4           4	ble Insulation           meter in inches           N.         MAX.           40         0.820           60         .950           50         1.050           80         1.480           90         1.310           80         1.465           80         1.430           70         1.630           50         1.780           25         1.935           ontents:         4-Way Bus Bar           Si-Lubricant         Installation           Instruction         Straight receptacle           Compression Lug (If selected)         Shear Bolt           Shear Bolt         connector (If	Cable Ir           Diameter           MIN.           16.26           19.30           21.59           24.89           27.69           29.97           32.51           34.80           39.7           43.82           K676CH-BU           82-08           IS-1074           K655YSR           03702XXX           EACT-0300	MAX.           20.83           24.13           26.67           29.97           33.27           37.21           36.32           41.40           45.21           49.15	for W F G H J K L L M N P		kc Strand./ Compr. #2 #1 1/0 2/0 3/0 4/0 250 300 350 400 450 550 600 650 700/750 800 900	mil Solid/ Comp. #2 #1 1/0 2/0 3/0 4/0 250 300 4/0 450/500 450/500 450/500 650 600 650 700 750 800/900 - 1000 -	Connector Part # 3702210 3702220 3702230 3702240 3702250 3702260 3702260 3702280 3702280 3702280 3702300 3702300 3702310 3702320 3702330 3702340 3702380 3702380 3702380 3702380	Compression Connector Code 210 220 230 240 250 260 270 280 290 300 310 310 320 330 340 350 360 380 380 390 400 410	AC01	arbolt nector

