

MV Coldshrink Cable Accessories

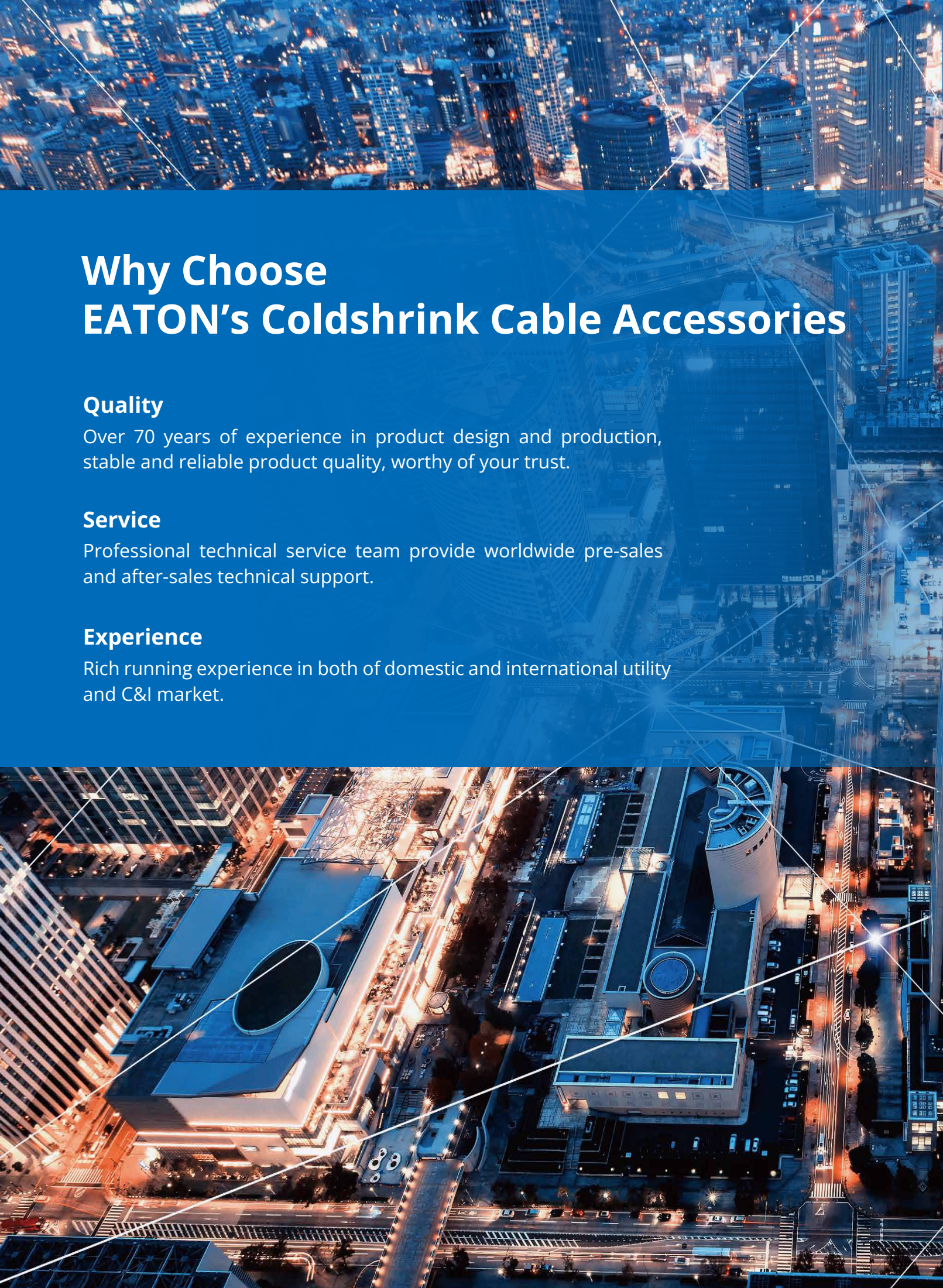
COOPER POWER
SERIES

Safe, Flexible
Super Reliable



EATON

Powering Business Worldwide



Why Choose EATON's Coldshrink Cable Accessories

Quality

Over 70 years of experience in product design and production, stable and reliable product quality, worthy of your trust.

Service

Professional technical service team provide worldwide pre-sales and after-sales technical support.

Experience

Rich running experience in both of domestic and international utility and C&I market.



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Product Benefits



Material

- Imported two compounds liquid silicone rubber as raw material, with excellent insulating properties and excellent hydrophobicity.
- High strength polypropylene supporting core has strong heat resistance and easy to unwind.
- Unique silicone grease formulations to avoid drying out of the insulation interface.



Structure

- The product design adopts ANSYS to calculate the electric field distribution, with a highly safe and optimal product structure.
- Non-skirt 10kV door termination design suitable for a wide application scenario.
- Longer creepage design effectively prevents moisture ingress.
- Special design of the inner electrode ensures equipotentiality between inner electrode and cable conductor.



Production

- Separate workshop design of semi-conductive and insulation material.
- Transparent insulation silicone rubber for easy process inspection when molding splices.
- Unique inner electrode production process to reduce electric field concentration.



Production Equipment

- Automated CNC production equipment with high production precision.
- Fully enclosed constant temperature and humidity production workshop.

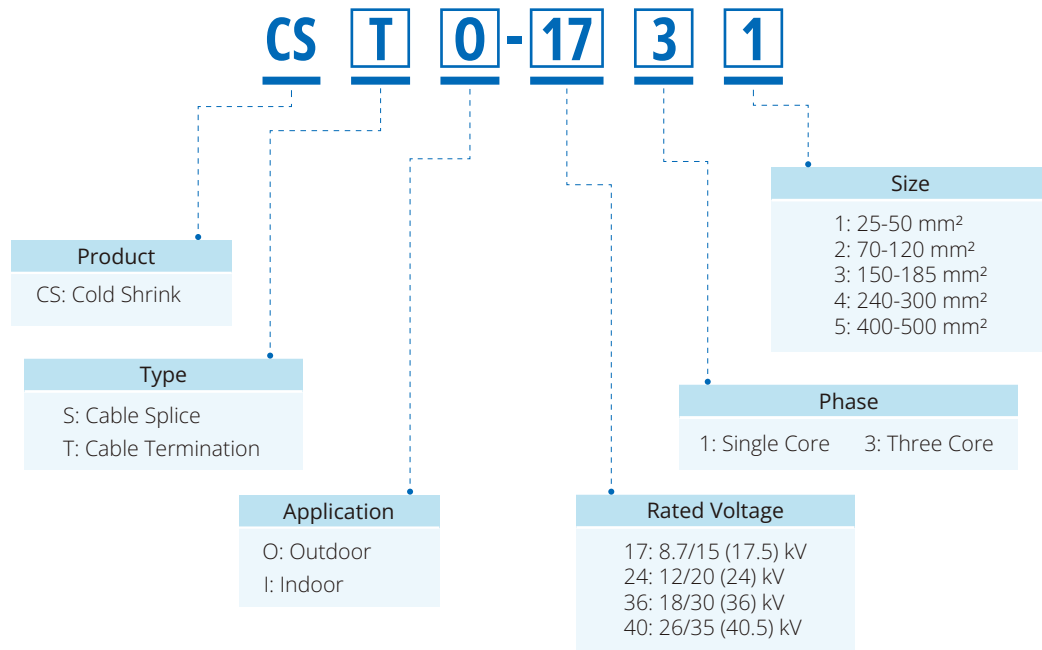


Inspection

- Comply with EQMS quality management system .
- Routine test including X-ray test and electrical test.

17.5kV -40.5kV Coldshrink Cable Accessories Ordering Information

Ordering Information



Type Test Report

The full range of Coldshrink cable accessories made by Cooper have passed the type test in China national center of test and inspection for electrical cable and wire.



High Reliable Termination

Wholly New Generation of High Reliable Termination

High Reliable Material

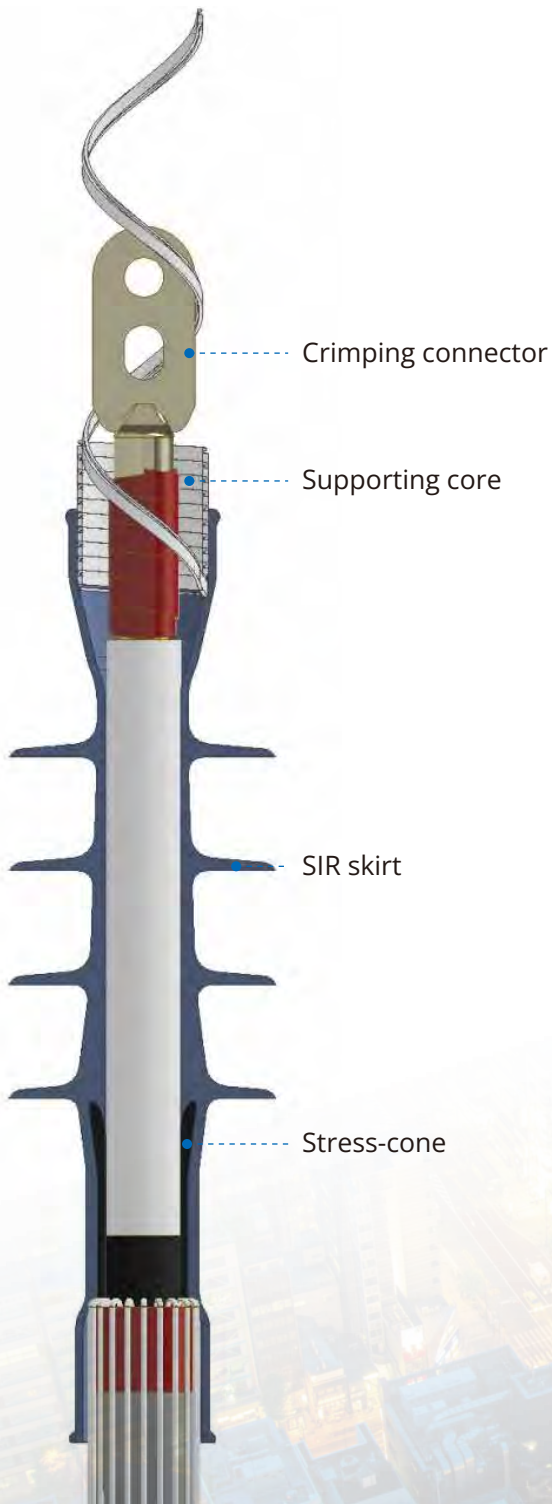
- More reliable two compounds silicone rubber which has a high speed of fluidity, great molding rate and high dielectric strength.
- Easy to unwind high strength polypropylene supporting core.

Comprehensive Protection

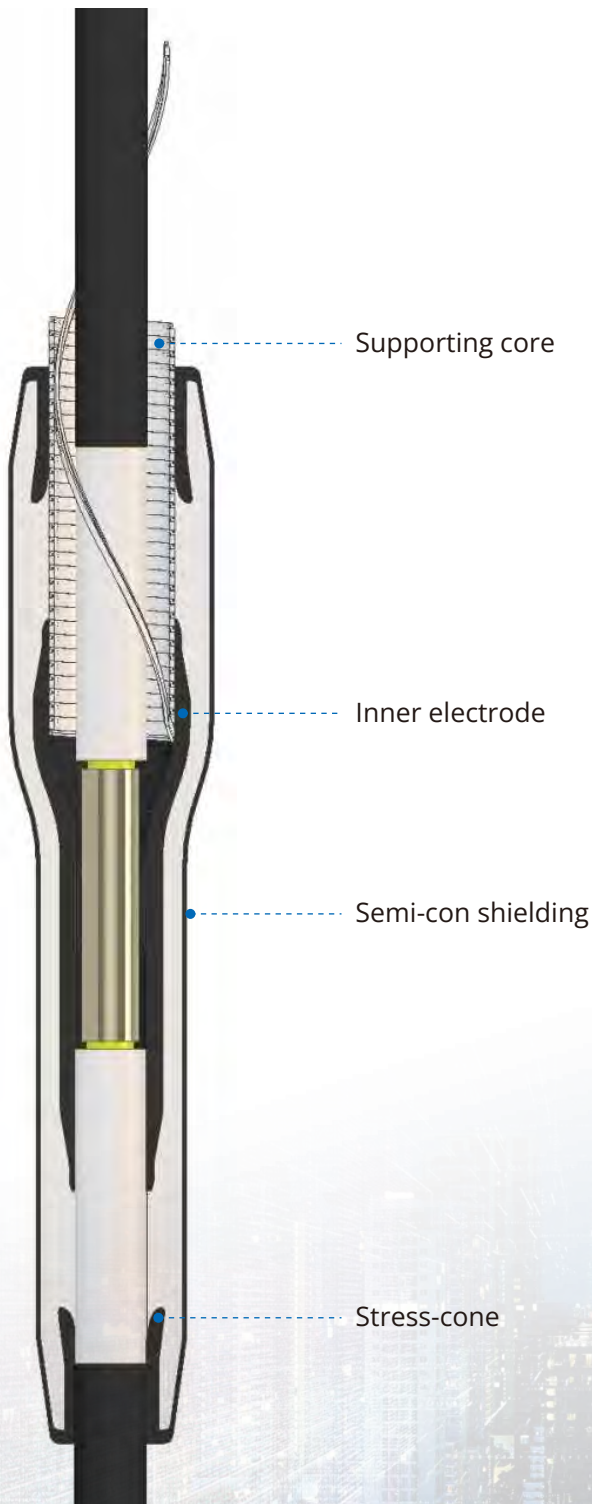
- Extend terminations design effectively prevents moisture ingress.
- Integrated dual-port sealing mastic design for better sealing of the cable termination.
- Unique silicone grease formulations to avoid drying out of the insulation interface in the products life cycle.

Smaller Size, Strong Capability

- 10kV outdoor termination with four qual diameter skirts design, meet the class IV gradation of pollution level.
- Non-skirt 10kV door termination design suitable for a wide application scenario.
- Ansys based insulation structure design with an excellent electrical performance.



High Reliable Splice



One-piece Design splice

Easy to Install

- Hook welding supporting core design make it easy to unwind.
- No pushing , no flaming, better and more reliable.

Longer Running Life

- Comprehensive protection design to prevent external disadvantages.
- High fault-tolerance design to eliminate the risk of installation errors.
- No risk of poor contact between inner electrode and cable conductor when small cross section cable applied.
- 100% routine test

Maintanance Free Design

- Breathing with the cables, excellent electrical performance of insulation interface.
- One piece molded shielding, fully insulated and more reliable.
- Relief the electrical field concentration by using stress-cone which has no overheat problem under high current load.

8.7/15 (17.5) kV Coldshrink Cable Accessories

8.7/15(17.5) kV Indoor/Outdoor Termination



Ordering Information

Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Indoor Termination	Three Core	CSTI-1731J	8.7/15	25-50	16.0-20.3
		CSTI-1732J	8.7/15	70-120	19.3-23.8
		CSTI-1733J	8.7/15	150-185	21.0-26.5
		CSTI-1734J	8.7/15	240-300	25.3-31.3
		CSTI-1735J	8.7/15	400-500	30.5-37.0
	Single Core	CSTI-1711J	8.7/15	25-50	16.0-20.3
		CSTI-1712J	8.7/15	70-120	19.3-23.8
		CSTI-1713J	8.7/15	150-185	21.0-26.5
		CSTI-1714J	8.7/15	240-300	25.3-31.3
		CSTI-1715J	8.7/15	400-500	30.5-37.0
Outdooor Termination	Three Core	CSTO-1731J	8.7/15	25-50	16.0-20.3
		CSTO-1732J	8.7/15	70-120	19.3-23.8
		CSTO-1733J	8.7/15	150-185	21.0-26.5
		CSTO-1734J	8.7/15	240-300	25.3-31.3
		CSTO-1735J	8.7/15	400-500	30.5-37.0
	Single Core	CSTO-1711J	8.7/15	25-50	16.0-20.3
		CSTO-1712J	8.7/15	70-120	19.3-23.8
		CSTO-1713J	8.7/15	150-185	21.0-26.5
		CSTO-1714J	8.7/15	240-300	25.3-31.3
		CSTO-1715J	8.7/15	400-500	30.5-37.0

Electric Parameter

	CSTI-17	CSTO-17
Maximum System Voltage (Um)	17.5kV	17.5kV
AC Withstand	39kV/5min	39kV/5min
Lightning Impulse	95kV	95kV
Partial Discharge	< 5pC	< 5pC

8.7/15 (17.5) kV Cable Splice



Ordering Information

Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm ²)	Insulation Range (mm)
Cable Splice	Three Core	CSS-1731J	8.7/15	25-50	16.1-23.7
		CSS-1732J	8.7/15	70-95	16.1-23.7
		CSS-1733J	8.7/15	120-185	23.0-28.0
		CSS-1734J	8.7/15	240-400	27.3-33.8
		CSS-1735J	8.7/15	500	33.0-39.5
	Single Core	CSS-1711J	8.7/15	25-50	16.1-23.7
		CSS-1712J	8.7/15	70-95	16.1-23.7
		CSS-1713J	8.7/15	120-185	23.0-28.0
		CSS-1714J	8.7/15	240-400	27.3-33.8
		CSS-1715J	8.7/15	500	33.0-39.5

Electric Parameter

	CSS-17
Maximum System Voltage (Um)	17.5kV
AC Withstand	39kV/5min
Lightning Impulse	95kV
Partial Discharge	< 5pC

12/20 (24) kV Indoor/Outdoor Termination



3

Ordering Information

Product	Cable Core	Part Number	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Indoor Termination	Single Core	CSTI-2411	12/20	35-70	19.0-23.8
		CSTI-2412	12/20	95-185	23.0-30.6
		CSTI-2413	12/20	240-400	30.0-38.8
		CSTI-2414	12/20	500-800	38.0-48.0
	Three Core	CSTI-2431	12/20	35-70	19.0-23.8
		CSTI-2432	12/20	95-185	23.0-30.6
		CSTI-2433	12/20	240-400	30.0-38.8
		CSTI-2434	12/20	500-800	38.0-48.0
Outdoor Termination	Single Core	CSTO-2411	12/20	35-70	19.0-23.8
		CSTO-2412	12/20	95-185	23.0-30.6
		CSTO-2413	12/20	240-400	30.0-38.8
		CSTO-2414	12/20	500-800	38.0-48.0
	Three Core	CSTO-2431	12/20	35-70	19.0-23.8
		CSTO-2432	12/20	95-185	23.0-30.6
		CSTO-2433	12/20	240-400	30.0-38.8
		CSTO-2434	12/20	500-800	38.0-48.0

Electric Parameter

	CSTI-24	CSTO-24
Maximum System Voltage (Um)	24kV	24kV
AC Withstand	57kV/5min	57kV/5min
Lightning Impulse	125kV	125kV
Partial Discharge	< 5pC	< 5pC

12/20 (24) kV Cable Splice



3

Ordering Information

Product	Cable Core	Part Nummer	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Cable Splice	Single Core	CSS-2411	12/20	35-70	19.0-23.8
		CSS-2412	12/20	95-185	23.0-30.6
		CSS-2413	12/20	240-400	30.0-38.8
		CSS-2414	12/20	500-800	38.0-48.0
	Three Core	CSS-2431	12/20	35-70	19.0-23.8
		CSS-2432	12/20	95-185	23.8-30.6
		CSS-2433	12/20	240-400	30.0-38.8
		CSS-2434	12/20	500-800	38.0-48.0

Electric Parameter

	CSS-24
Maximum System Voltage (Um)	24kV
AC Withstand	57kV/5min
Lightning Impulse	125kV
Partial Discharge	< 5pC

18/30 (36) kV Coldshrink Cable Accessories

18/30 (36) kV Indoor/Outdoor Termination



4

Ordering Information

Product	Cable Core	Part Number	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Indoor Termination	Single Core	CSTI-3611	18/30	35-95	23.0-30.6
		CSTI-3612	18/30	120-240	30.0-38.8
		CSTI-3613	18/30	300-400	38.0-41.8
		CSTI-3614	18/30	500-630	41.0-48.0
	Three Core	CSTI-3631	18/30	35-95	23.0-30.6
		CSTI-3632	18/30	120-240	30.0-38.8
		CSTI-3633	18/30	300-400	38.0-41.8
		CSTI-3634	18/30	500-630	41.0-48.0
Outdoor Termination	Single Core	CSTO-3611	18/30	35-95	23.0-30.6
		CSTO-3612	18/30	120-240	30.0-38.8
		CSTO-3613	18/30	300-400	38.0-41.8
		CSTO-3614	18/30	500-630	41.0-48.0
	Three Core	CSTO-3631	18/30	35-95	23.0-30.6
		CSTO-3632	18/30	120-240	30.0-38.8
		CSTO-3633	18/30	300-400	38.0-41.8
		CSTO-3634	18/30	500-630	41.0-48.0

Electric Parameter

	CSTI-36	CSTO-36
Maximum System Voltage (Um)	36kV	36kV
AC Withstand	81kV/5min	81kV/5min
Lightning Impulse	170kV	170kV
Partial Discharge	< 5pC	< 5pC

18/30 (36) kV Cable Splice



4

Ordering Information

Product	Cable Core	Part Number	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Cable Splice	Single Core	CSS-3611	18/30	35-95	23.0-30.6
		CSS-3612	18/30	120-240	30.0-38.8
		CSS-3613	18/30	300-400	38.0-41.8
		CSS-3614	18/30	500-630	41.0-48.0
	Three Core	CSS-3631	18/30	35-95	23.0-30.6
		CSS-3632	18/30	120-240	30.0-38.8
		CSS-3633	18/30	300-400	38.0-41.8
		CSS-3634	18/30	500-630	41.0-48.0

Electric Parameter

	CSS -36
Maximum System Voltage (Um)	36kV
AC Withstand	81kV/5min
Lightning Impulse	170kV
Partial Discharge	< 5pC

26/35(40.5)kV Indoor/Outdoor Termination



5

Ordering Information

Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Outdoor Termination	Three Core	CSTO-4031J	26/35	50-150	28.0-37.0
		CSTO-4032J	26/35	185-400	36.0-46.0
		CSTO-4033J	26/35	500-630	46.0-55.0
	Single Core	CSTO-4011J	26/35	50-150	28.0-37.0
		CSTO-4012J	26/35	185-400	36.0-46.0
		CSTO-4013J	26/35	500-630	46.0-55.0
Indoor Termination	Three Core	CSTI-4031J	26/35	50-150	28.0-37.0
		CSTI-4032J	26/35	185-400	36.0-46.0
		CSTI-4033J	26/35	500-630	46.0-55.0
	Single Core	CSTI-4011J	26/35	50-150	28.0-37.0
		CSTI-4012J	26/35	185-400	36.0-46.0
		CSTI-4013J	26/35	500-630	46.0-55.0

Electric Parameter

	CSTI-40	CSTO-40
Maximum System Voltage (Um)	40.5kV	40.5kV
AC Withstand	117kV/5min	117kV/5min
Lightning Impulse	200kV	200kV
Partial Discharge	< 5pC	< 5pC

A collection of various repair materials and tools, including rolls of black and white tape, boxes of ECTON, silver foil bags, metal fittings, gloves, and other small components, arranged on a white background.

Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm²)	Insulation Range (mm)
Cable Splice	Three Core	CSS-4031J	26/35	50-120	28.0-36.0
		CSS-4032J	26/35	150-240	34.5-42.4
		CSS-4033J	26/35	300-400	40.7-48.7
		CSS-4034J	26/35	500-630	46.0-55.0
	Single Core	CSS-4011J	26/35	50-120	28.0-36.0
		CSS-4012J	26/35	150-240	34.5-42.4
		CSS-4013J	26/35	300-400	40.7-48.7
		CSS-4014J	26/35	500-630	46.0-55.0

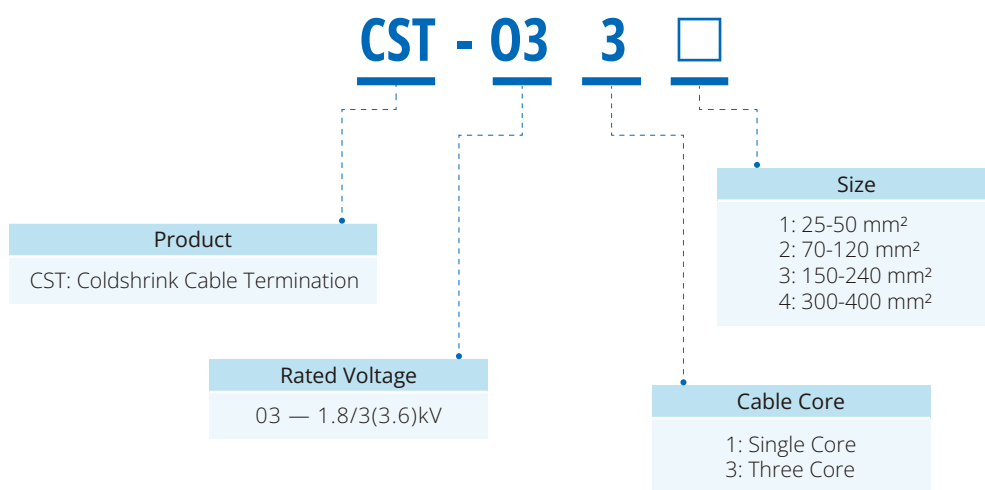
	CSS-40	CSIS-40
Maximum System Voltage (Um)	40.5kV	40.5kV
AC Withstand	117kV/5min	117kV/5min
Lightning Impulse	200kV	200kV
Partial Discharge	< 5pC	< 5pC

1.8/3 (3.6) kV Cable Termination



6

Ordering Information



Ordering Information

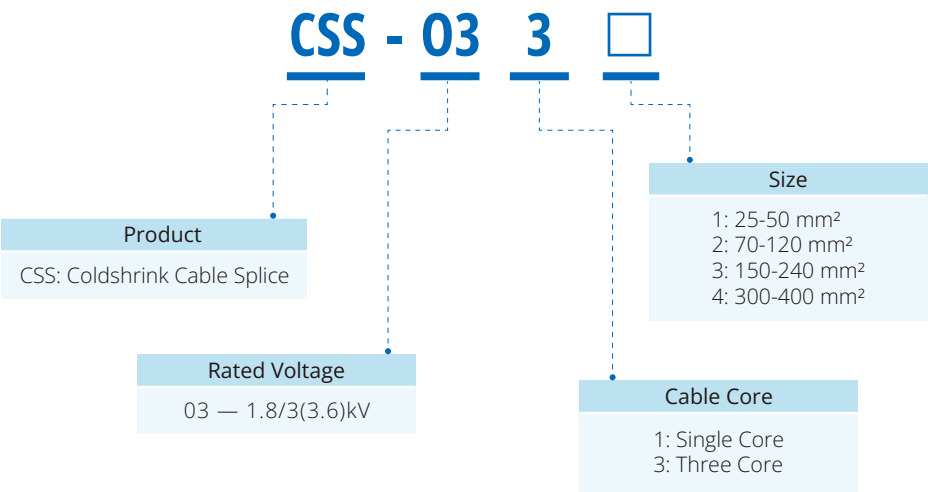
Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm ²)
3KV Cable Termination	Single Core	CST-0311	1.8/3	25-50
		CST-0312	1.8/3	70-120
		CST-0313	1.8/3	150-240
		CST-0314	1.8/3	300-400
	Three Core	CST-0331	1.8/3	25-50
		CST-0332	1.8/3	70-120
		CST-0333	1.8/3	150-240
		CST-0334	1.8/3	300-400

1.8/3 (3.6) kV Cable Splice



6

Ordering Information



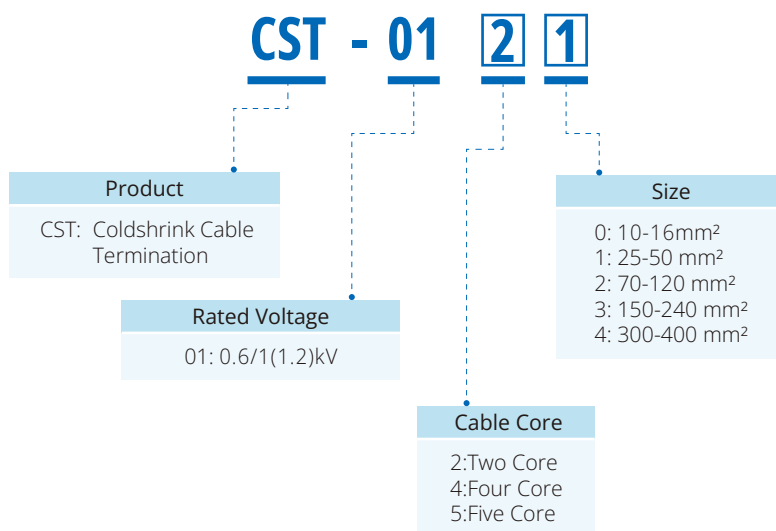
Ordering Information

Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm ²)
3KV Cable Splice	Single Core	CSS-0311	1.8/3	25-50
		CSS-0312	1.8/3	70-120
		CSS-0313	1.8/3	150-240
		CSS-0314	1.8/3	300-400
	Three Core	CSS-0331	1.8/3	25-50
		CSS-0332	1.8/3	70-120
		CSS-0333	1.8/3	150-240
		CSS-0334	1.8/3	300-400

0.6/1 (1.2) kV Termination



Ordering Information



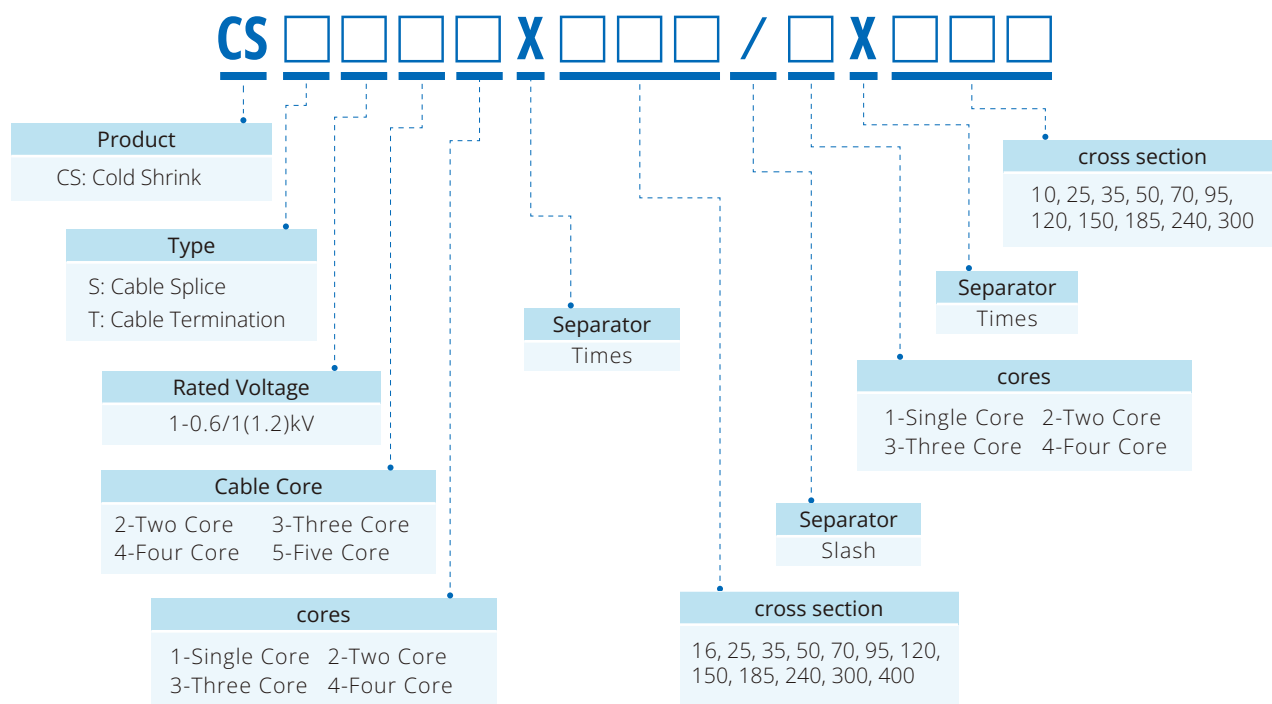
7

Ordering Information

Product	Cable Core	Part Numner	Rated Voltage (kV)	Cross Section (mm ²)
1.2kV Cable Termination	Single Core	CST-0110	0.6/1	10-16
		CST-0111	0.6/1	25-50
		CST-0112	0.6/1	70-120
		CST-0113	0.6/1	150-240
		CST-0114	0.6/1	300-400
	Two Core	CST-0120	0.6/1	10-16
		CST-0121	0.6/1	25-50
		CST-0122	0.6/1	70-120
		CST-0123	0.6/1	150-240
		CST-0124	0.6/1	300-400
	Three Core	CST-0130	0.6/1	10-16
		CST-0131	0.6/1	25-50
		CST-0132	0.6/1	70-120
		CST-0133	0.6/1	150-240
		CST-0134	0.6/1	300-400
	Four Core	CST-0140	0.6/1	10-16
		CST-0141	0.6/1	25-50
		CST-0142	0.6/1	70-120
		CST-0143	0.6/1	150-240
		CST-0144	0.6/1	300-400
	Five Core	CST-0150	0.6/1	10-16
		CST-0151	0.6/1	25-50
		CST-0152	0.6/1	70-120
		CST-0153	0.6/1	150-240
		CST-0154	0.6/1	300-400

0.6/1 (1.2)kV Unequal Cross Section Termination

Ordering Information



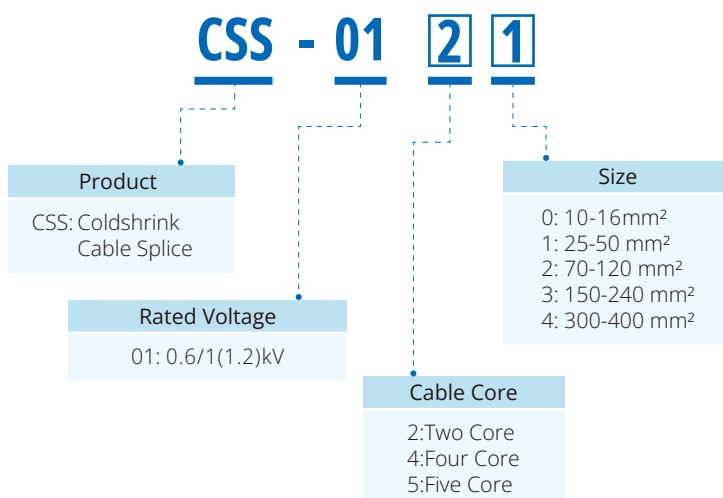
Ordering Information

Product	Cable Core	Rated Voltage (kV)	Insulation Range (mm ²)
1.2kV Unequal Cross Section Termination	CST143x50/1x25	0.6/1	3*50+1*25
	CST143x70/1x35	0.6/1	3*70+1*35
	CST143x95/1x50	0.6/1	3*95+1*50
	CST143x120/1x70	0.6/1	3*120+1*70
	CST143x150/1x70	0.6/1	3*150+1*70
	CST143x185/1x95	0.6/1	3*185+1*95
	CST143x240/1x120	0.6/1	3*240+1*120
	CST143x300/1x150	0.6/1	3*300+1*150
	CST153x50/2x25	0.6/1	3*50+2*25
	CST153x70/2x35	0.6/1	3*70+2*35
	CST153x95/2x50	0.6/1	3*95+2*50
	CST153x120/2x70	0.6/1	3*120+2*70
	CST153x150/2x70	0.6/1	3*150+2*70
	CST153x185/2x95	0.6/1	3*185+2*95
	CST153x240/2x120	0.6/1	3*240+2*120
	CST153x300/2x150	0.6/1	3*300+2*150
	CST154x50/1x25	0.6/1	4*50+1*25
	CST154x70/1x35	0.6/1	4*70+1*35
	CST154x95/1x50	0.6/1	4*95+1*50
	CST154x120/1x70	0.6/1	4*120+1*70
	CST154x150/1x70	0.6/1	4*150+1*70
	CST154x185/1x95	0.6/1	4*185+1*95
	CST154x240/1x120	0.6/1	4*240+1*120
	CST154x300/1x150	0.6/1	4*300+1*150

0.6/1 (1.2) kV Cable Splice



Ordering Information



7

Ordering Information

Product	Cable Core	Part Number	Rated Voltage (kV)	Cross Section (mm ²)
1.2kV Cable Splice	Single Core	CSS-0110	0.6/1	10-16
		CSS-0111	0.6/1	25-50
		CSS-0112	0.6/1	70-120
		CSS-0113	0.6/1	150-240
		CSS-0114	0.6/1	300-400
	Two Core	CSS-0120	0.6/1	10-16
		CSS-0121	0.6/1	25-50
		CSS-0122	0.6/1	70-120
		CSS-0123	0.6/1	150-240
		CSS-0124	0.6/1	300-400
	Three Core	CSS-0130	0.6/1	10-16
		CSS-0131	0.6/1	25-50
		CSS-0132	0.6/1	70-120
		CSS-0133	0.6/1	150-240
		CSS-0134	0.6/1	300-400
	Four Core	CSS-0140	0.6/1	10-16
		CSS-0141	0.6/1	25-50
		CSS-0142	0.6/1	70-120
		CSS-0143	0.6/1	150-240
		CSS-0144	0.6/1	300-400
	Five Core	CSS-0150	0.6/1	10-16
		CSS-0151	0.6/1	25-50
		CSS-0152	0.6/1	70-120
		CSS-0153	0.6/1	150-240
		CSS-0154	0.6/1	300-400

Electric Parameter

	CST/CSS-01
Maximum System Voltage (Um)	1.2kV
AC Withstand	8kV/5min
AC Withstand	7.2kV/4h

Eaton is an intelligent power management company dedicated to protecting the environment and improving the quality of life for people everywhere. We make products for the data center, utility, industrial, commercial, machine building, residential, aerospace and mobility markets. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power-today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're helping to solve the world's most urgent power management challenges and building a more sustainable society for people today and generations to come.

Founded in 1911, Eaton has continuously evolved to meet the changing and expanding needs of our stakeholders. With revenues of nearly \$25 billion in 2024, the company serves customers in more than 160 countries. Eaton entered the Chinese market in 1993 and has grown significantly since then. In 2004, Eaton moved its Asia-Pacific headquarters from Hong Kong to Shanghai. Today, Eaton has nearly 8,000 employees and 19 manufacturing facilities in China.

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