



OUR ADVANTAGES



Direct Factory, Produces >95% Solution On-site

Product warranty



EN-50483-4
NFC 33-020, NFC 33-041
IEC 61238

Competitive price,
caused by scale
production facility



Favourable payment
terms to ease delivery
waiting from China



Global experience



OEM, ODM Customization

COMPANY PROFILE

JERA line is a direct factory from china committed to produce high quality and reliable low and medium voltage connectors, lugs for underground and aerial cables.

We use modern production technologies, cost-efficient processing solutions and automation equipment to achieve high efficiency production. And we have internal laboratory and experienced engineers to proceed essential quality test conform to EN50483-4, IEC-61238-1, NFC 33020 for daily is pection or new product development.

PRODUCTION FACILITY



Plastic molding workshop

CNC metals workshop

Press forming workshop



Mold processing workshop

Products Assembly workshop

CNC machining workshop

LABORATORY TESTING EQUIPMENT



Under water dielectrical test

Electrical aging test

Temperature & Humidity aging test

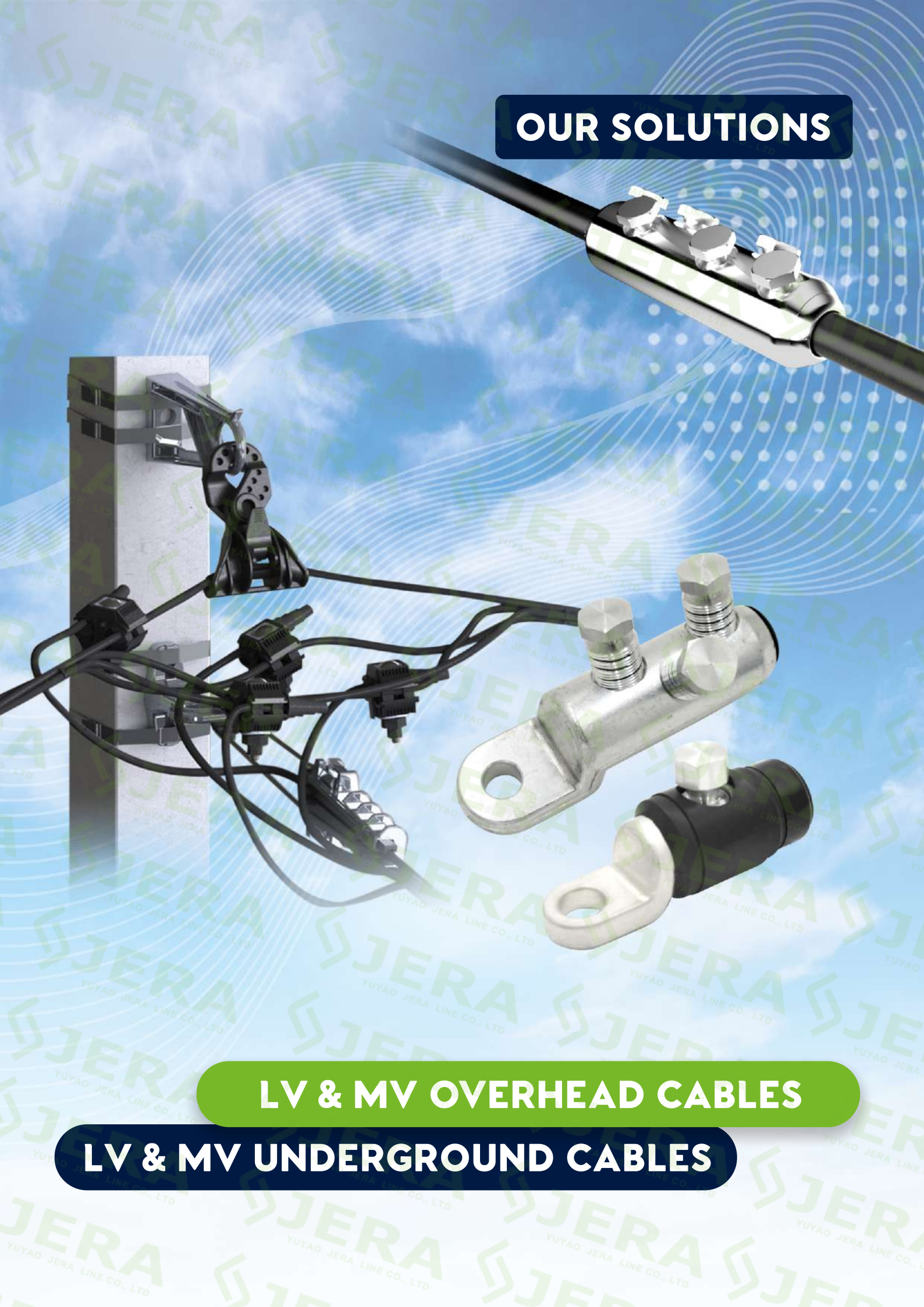


UV Xenon weathering test

Tensile strength test

Salt Spray and fog testing

OUR SOLUTIONS



LV & MV OVERHEAD CABLES

LV & MV UNDERGROUND CABLES

OUR PRODUCTS

Overvoltage Protection & Current Limitation

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Overhead insulation Piercing Connection

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Overhead Termination & Connection

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Underground & Indoor Connection & Termination

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Cable Installation Tools

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Overhead Anchor & Suspension

page 19



Insulator Preformed Ties

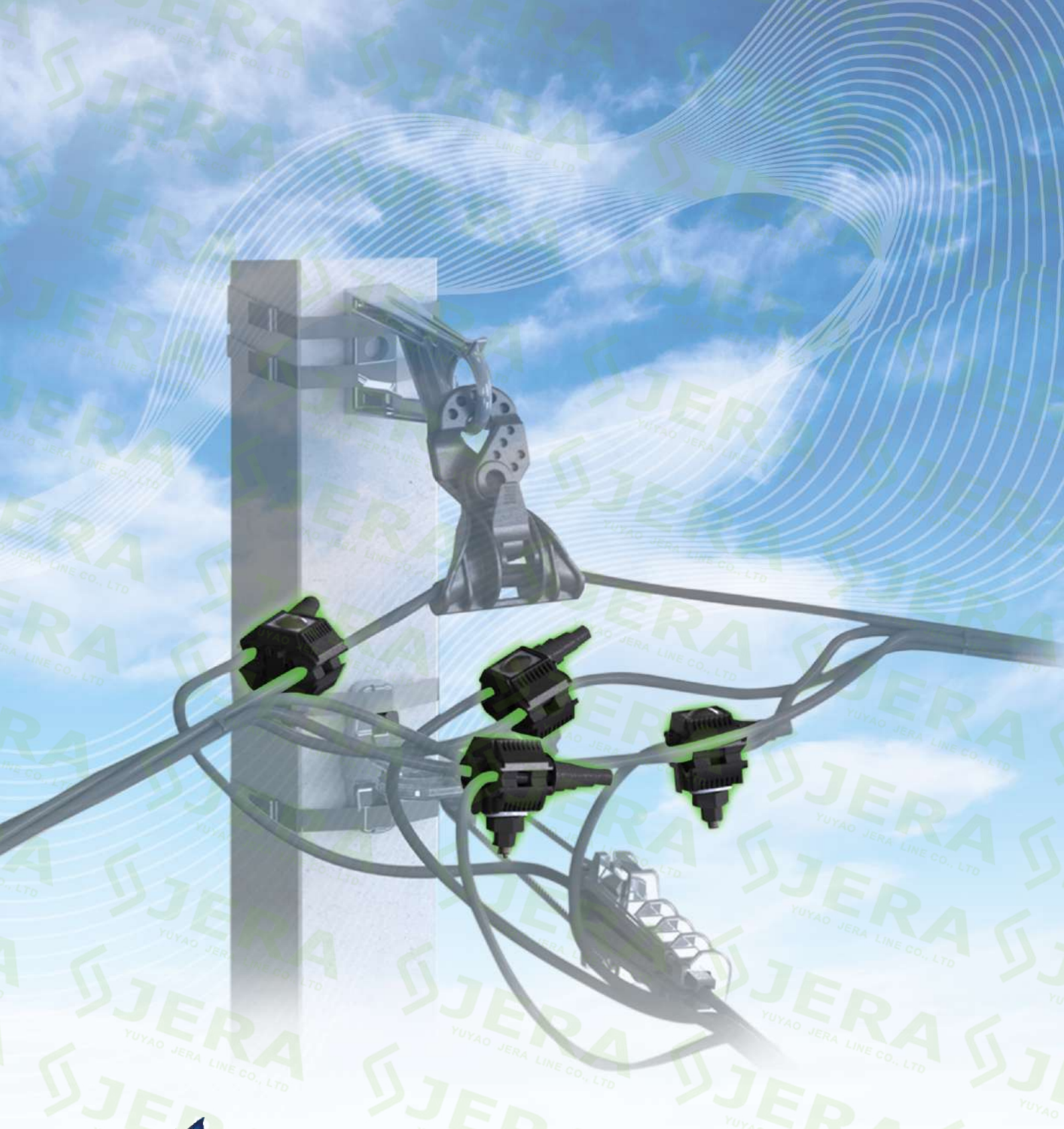
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Stainless Steel Band

page 25





**LOW AND MEDIUM VOLTAGE
INSULATION PIERCING CONNECTORS**



LV IPC UP TO 1KV FOR INSULATED CABLES

Key features

- 

1 Piercing technology, without stripping cable insulation.
- 

2 Application cable range from 1.5-400mm².
- 

3 AL/CU cables usage.
- 

4 Comply with EN-50483-4 and NFC 33-020.
- 






5 Shear head off by a wrench, fast installation.
- 

6 JTN7 easy application.
- 

7 Overmolding Rubber.
- 

8 insulated cable - insulated cable
insulated cable - bare cable
multi cable type combination






Technical specification

					
Product code	ZOP-25B	ZOP-25	ZOP-45B	ZOP-45	ZOP-32
Main line,, mm²	2.5-35	4-35	4-70	4-120	70-185
Branch line,, mm²	1.5-10	1.5-10	1.5-16	1.5-16	1.5-6
Torque, N*m	7	7	5	11	15

Technical specification

					
Product code	ZOP-50	ZOP-52	ZOP-2	ZOP-3	ZOP-33
Main line,, mm²	16-120	16-185	16-95	16-95	35-185
Branch line,, mm²	1.5-16	1.5-16	4-35	6-35	6-35
Torque, N*m	11	11	7	15	15

Technical specification

					
Product code	ZOP-54	ZOP-57	ZOP-257	ZOP-58	ZOP-258
Main line,, mm²	16-150	25-185	25-150	35-185	35-185
Branch line,, mm²	4-50	25-95	25-150	35-185	35-185
Torque, N*m	11	16	16	16	18



LV IPC FOR BARE TO INSULATED CABLES

Technical specification



Product code	ZOP-1N	ZOP-2N	ZOP-22N(L)	ZOP-22N(LX)
Main line,, mm ²	16-95	16-120	10-95	10-95
Branch line,, mm ²	1.5-10	4-35	10-95	1.5-70
Torque, N*m	7	15	20	20

MV IPC UP TO 36KV

Technical specification



Product code	ZOP-61	ZOP-62	ZOP-61-G	ZOP-62-G
Main line,, mm ²	35-185	70-240	35-185	240-300
Branch line,, mm ²	35-185	70-240	70-120	70
Torque, N*m	16	18	18	21

Technical specification

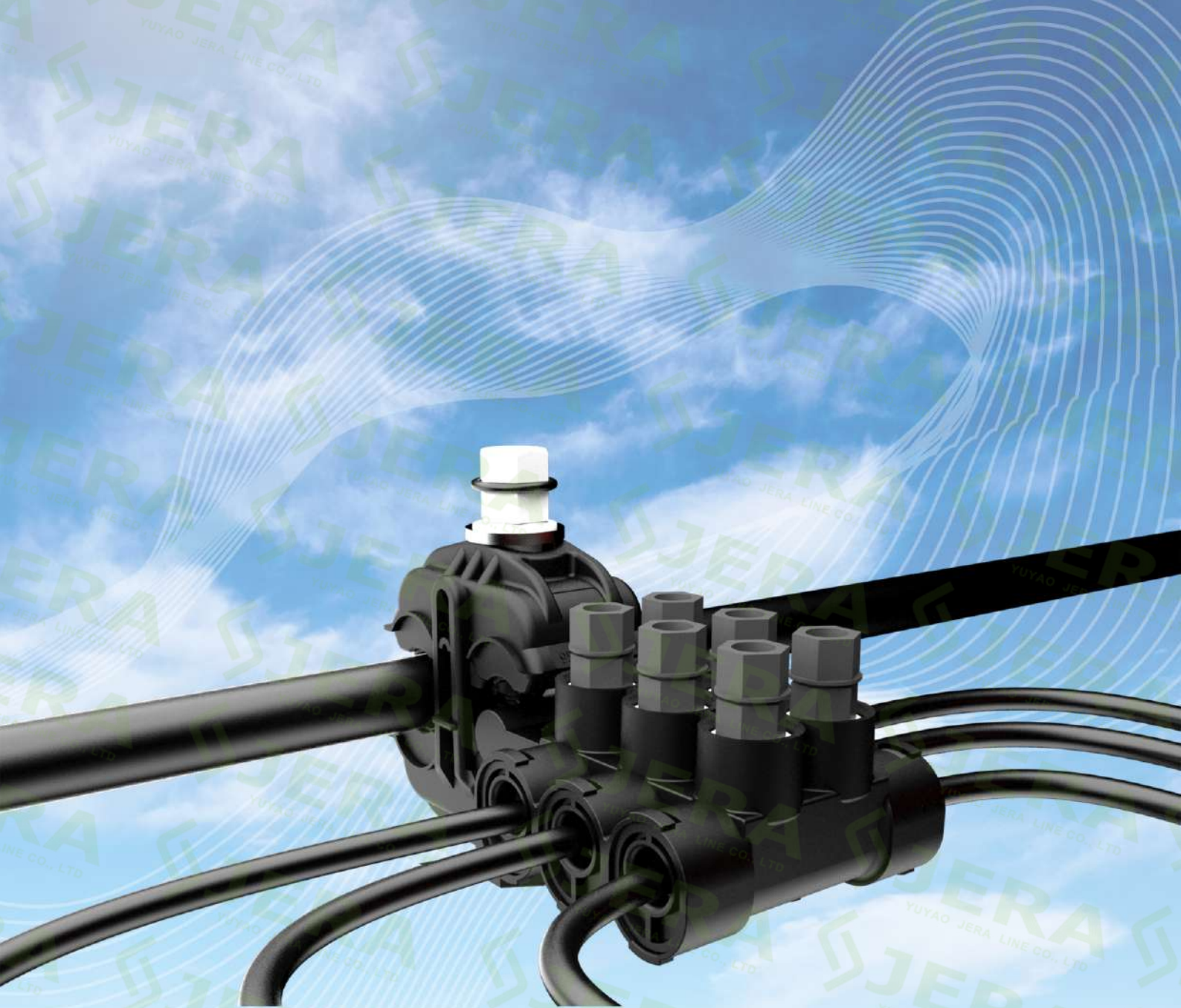


Product code	ZOP-261	ZOP-262
Main line,, mm ²	35-180	70-240
Branch line,, mm ²	35-180	70-240
Torque, N*m	18	18

Technical specification



Product code	END CAPS-50	END CAPS-150	END CAPS-300
Branch line,, mm ²	4-50	25-150	95-300



LOW VOLTAGE MULTITAP INSULATION PIERCING CONNECTORS



MULTITAP INSULATION PIERCING CONNECTORS FOR LV UP TO 1KV

Key features



1 Multitap branching 2-6 ports.



2 No more cable's stripping.



3 AL/CU cables usage.



4 Outdoor IP68 protection, durable.

Technical specification



Product code	MTT-2-57	MTT-4-57	MTT-2-62	MTT-4-62	MTT-6-62
Main line	25-150	25-150	95-300	95-300	95-300
Branch line, mm ²	2 x 4-35	4 x 4-35	2 x 4-35	4 x 4-35	6 x 4-35
Torque, N*m	16	16	21/10	21/10	21/10

Technical specification



Product code	MTT-235	MTT-435	MTT-635
Branch line, mm ²	2 x 4-35	4 x 4-35	6 x 4-35
Torque, N*m	6	12	6



OVERVOLTAGE PROTECTION & CURRENT LIMITATION EQUIPMENTS



FUSE HOLDERS, FUSE LINKS

Technical specification



Product code	FHp-450	Fuse link 22x58	FH-154	FH-156	Fuse link 10x38
Cable size, mm ²	4-50	-	1.5-4	1.5-4	-
Fuse cassette size, mm	22*58mm	22*58	10*38	10*38	10*38
Voltage	AC: 0.4-1	500	AC: 0.4-1	AC: 0.4-1	400
Rated current	-	32A	2-10A	2-16A	2-10A

LV SURGE ARRESTER, AND IPC FOR THEM



Technical specification

Product code	SA-0.28/10	SA-0.5/10	SA-0.66/5
Max allowable voltage, V	280	500	660
Voltage protection level, V	1100	1680	2465
Nominal discharge current, kA	10	10	5
Maximum discharge current, kA	40	40	35
Short-circuit withstand capability, kA	4.5	4.5	4.5



Technical specification

Product code	ZOP-9.22(L)
Cable	16-120 mm ²
Top	16-95 mm ²
Torque	20 Nm



Technical specification

Product code	ZOP-30
Cable	16-185 mm ²
Torque	16 Nm
Application	For M8 Surge arrester



Technical specification

Product code	ZOP-23
Cable	10-95 mm ²
Tap	1.5-70
Torque, N'm	20



MINI-SWITCH

The mini-switch is a device which limits the current of connection, due to a function of thermal bimetallic strip. The switch is integrated in a fuse that simplify its outdoor application. Should be installed before electric meter, overhead or in the cabinets. Once installed overhead - on the pole, eliminates the end user access.

Key features

1. Reduce the consumption of current
2. Limits the maximum current flow
3. Fraud prevent protection
4. Antivandal safety
5. Application cycles: from 5000 to 15000
6. Compatible with 22*58 fuse holders

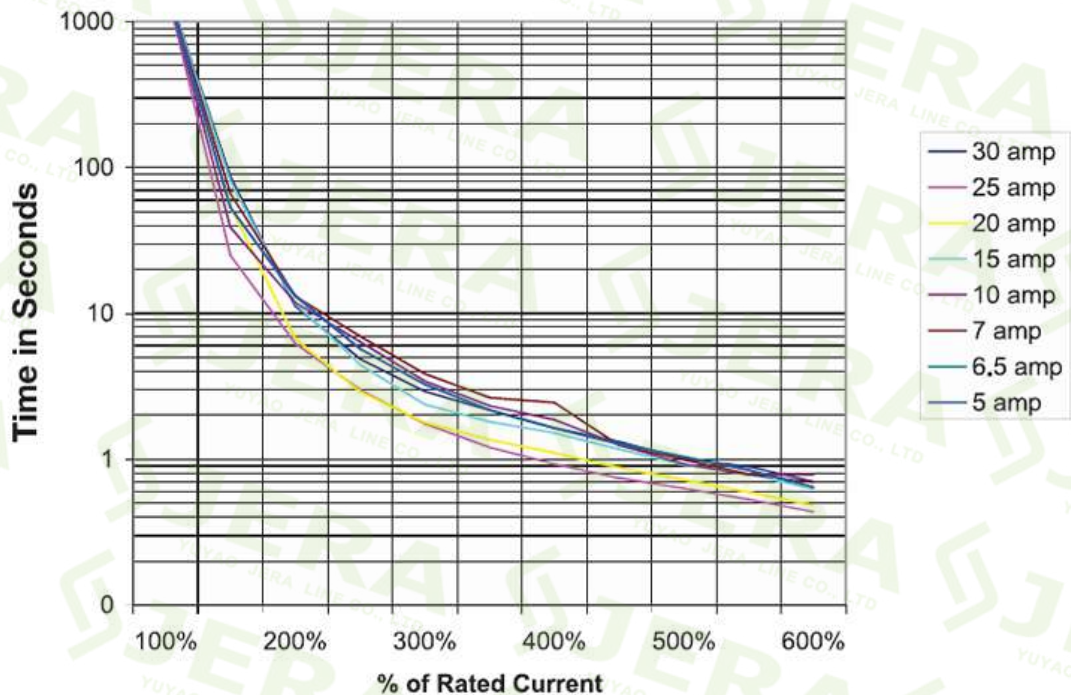
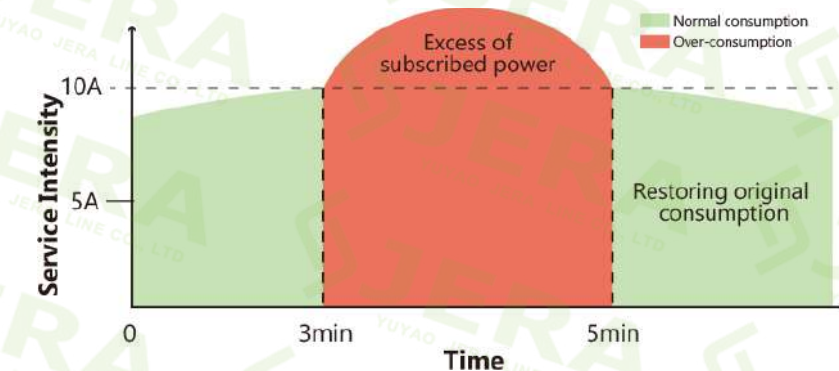


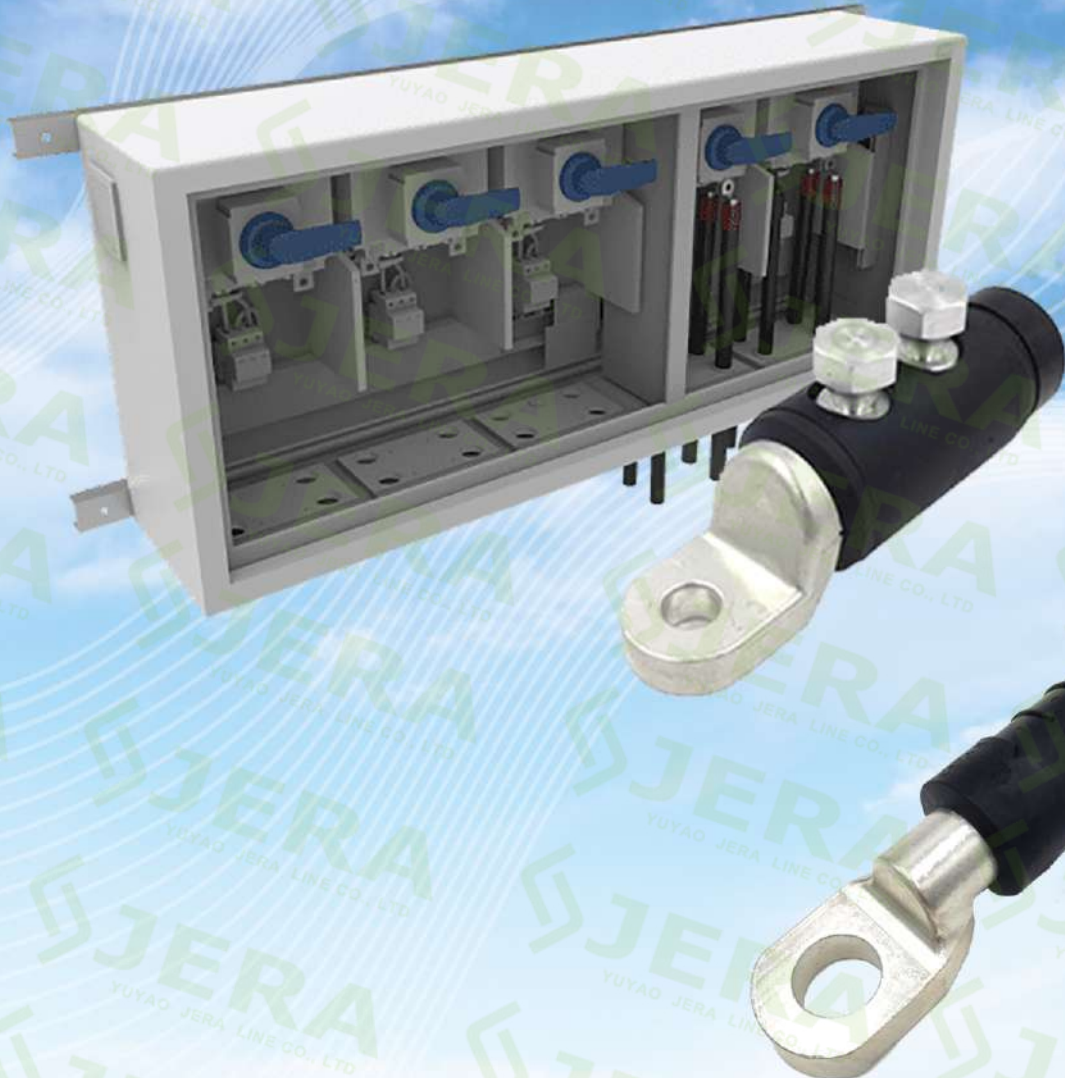
Technical specification

Currents	5A/10A/15A/20A
Voltage	230V
Size	Fuse link 22*58 mm

Performance diagram

Example of a mini-switch 10A functioning.





PRE INSULATED LUGS & CONNECTORS





PRE INSULATED LUGS AND CONNECTORS UP TO 1 KV

Key features

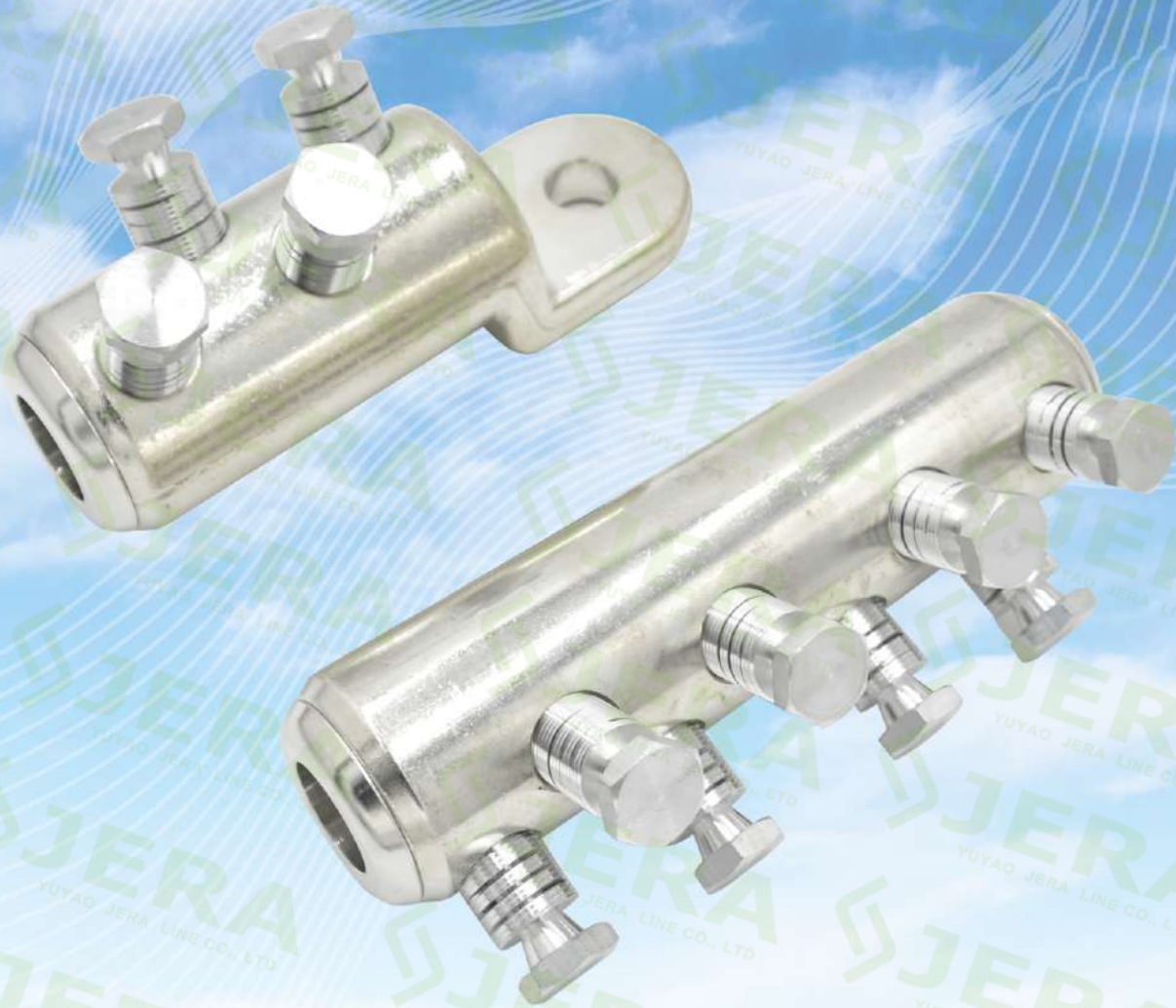
- 1** Shear head torque guarantee, proper electricity contact.
- 2** Application cable range from 16-400mm².
- 3** AL/CU cables usage.
- 4** Comply to EN-50483.
- 5** Outdoor IP68 protection, durable.
- 6** High mechanical strength.
- 7** Less SKU.
- 8** Common tool wrench.

Technical specification

Product code	ICL-16-95	ICL-2-70-240	ICL-185-400	ICLp-450	ICCP-450
Cable size, mm²	16-95	70-240	185-400	4-50	4-50
Number of bolts	1	2	2	1	2
Installation method	Shear head bolt, 24-26 N*m	Shear head bolt, 46-50 N*m	Shear head bolt, 46-55 N*m	Piercing, Shear head bolt, 13N*m	Piercing, Shear head bolt, 13N*m

Technical specification

Product code	CPTA-50	CPTA-70	CPTA-95	CPTA-120	CPTA-150
Cable size, mm²	50	70	150	120	150
Installation method	Crimping Tool	Crimping tool	Crimping tool	Crimping tool	Crimping tool
Size of tool	E173	E173	E215	E215	E215



UNDERGROUND & INDOOR CONNECTION & TERMINATION



LV MECHANICAL CONNECTOR AND LUG UP TO 1KV

Key features

- 1 Easy Operation with a hex key to tighten the bolts.
- 2 LV cable: 4-400mm²
MV cable: 16-1000mm².
- 3 AL/CU cables usage.
- 4 Comply with IEC-61238-1.
- 5 Durable material, high mechanical strength
- 6 Apply with heat shrink or cold shrink.
- 7 JTN-10 holding tool for easy application.
- 4 Central ring for 36 KV overvoltage protection.

Technical specification

Product code	CLBIT-6(4)-50	CLBIT-16-95	CLBIT-2-25-150	CLBIT-2-70-240	CLBIT-2-120-300
Cable size, mm²	6(4)-50	16-95	25-150	70-240	120-300
Number of bolts	1	1	2	2	2
Torque, N*m	12/14	24/26	38/42	46/50	50/54

Technical specification

Product code	CCBIT-2-6-50	CCBIT-2-16-95	CCBIT-4-25-150	CCBIT-4-70-240	CCBIT-4-120-300
Cable size, mm²	6(4)-50	16-95	25-150	70-240	120-300
Number of bolts	2	2	4	4	4
Torque, N*m	12/14	24/26	38/42	46/50	50/54

Technical specification

Product code	CLBIT-2-185-400	CCBIT-4-185-400
Cable size, mm²	185-400	185-400
Number of bolts	2	4
Torque, N*m	46/52	46/52



MV MECHANICAL TERMINATIONS AND CONNECTORS UP TO 36KV

Technical specification



Product code	CLBVzT-36-2-16-95	CLBVzT-36-2-25-150	CLBVzT-36-2-70-240	CLBVzT-36-2-120-300
Cable size, mm ²	16-95	25-150	70-240	120-300
Number of bolts	2	2	2	2
Torque, N*m	18/20/22	30/32/34	36/38/40	40/42/44

Technical specification



Product code	CLBVzT-36-3-185-400	CLBVzT-36-3-400-630	CLBVzT-36-4-630-1000
Cable size, mm ²	185-400	400-630	630-1000
Number of bolts	3	3	4
Torque, N*m	46/48/50/52	74/76/78/80	78/84

Technical specification



Product code	CCBVzT-36-4-16-95	CCBVzT-36-4-25-150	CCBVzT-36-4-70-240	CCBVzT-36-4-120-300
Cable size, mm ²	16-95	25-150	70-240	120-300
Number of bolts	4	4	4	4
Torque, N*m	18/20/22	30/32/34	36/38/40	40/42/44

Technical specification



Product code	CCBVzT-36-6-185-400	CCBVzT-36-6-400-630	CCBVzT-36-8-630-1000	CCBPT-2-120-185+TX-152
Cable size, mm ²	185-400	400-630	630-1000	25-150
Number of bolts	6	6	8	2
Torque, N*m	46/48/50/52	74/76/78/80	78/84	18/22



TENSION & SUSPENSION CLAMPS





LV TENSION & SUSPENSION CLAMPS UP TO 1KV

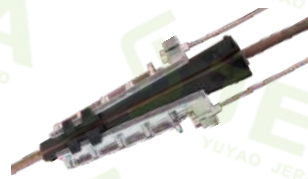
Key features



1 Stainless steel wire bail customized wire bail length.



2 Easy to install without any tools, save time.



3 Good performance of tension load.



4 Comply with standard NFC-33041.

Technical specification

					
Product code	STB	STX	STI	STD	STC
Cable type	2 core ABC	Single core ABC	Single core ABC	Single core ABC	4 core ABC
Cable size, mm²	2x16-25	4-16	16-70	16-120	4 x 10-35
MBL,KN	2,0	1,5	2,0	2,0	2,0
Application cables					

Technical specification

					
Product code	PA-800	PA-1000	PA-1500	PA-1600	PA-2200
Cable type	Single core ABC	Single core ABC	Single core ABC	Single core ABC	Single core ABC
Cable size, mm²	16-35	25-35	50-70	35-70	70-150
MBL,KN	8	10	15	16	22
Application cables					



Technical specification

Product code	PA-450	PA-158	PA-157	PA-415	PA-455
Cable type	4 core ABC	4 core ABC	2 core ABC	4 core ABC	4 core ABC
Cable size, mm²	25-50	10-50	10-50	10-50	50-150
MBL,KN	20	7	7	12	27
Application cables					

Technical specification

Product code	ES-500	ES-1500	ES-800	PS-270	PS-130
Cable type	2 core ABC	Single core ABC	Single core ABC	4 core ABC	4 core ABC
Cable size, mm²	10-50	16-95	16-95	25-120	16-120
MBL,KN	7	8	8,0	7	10
Application cables					

MV TENSION & SUSPENSION CLAMPS UP TO 36KV

Technical specification

Product code	PA-2400	JR-85
Cable type	Single core ABC	Single core ABC
Cable size, mm²	95-120	25-150
MBL,KN	25	35
Application cables		



TENSION & SUSPENSION BRACKETS, HOOKS

Technical specification

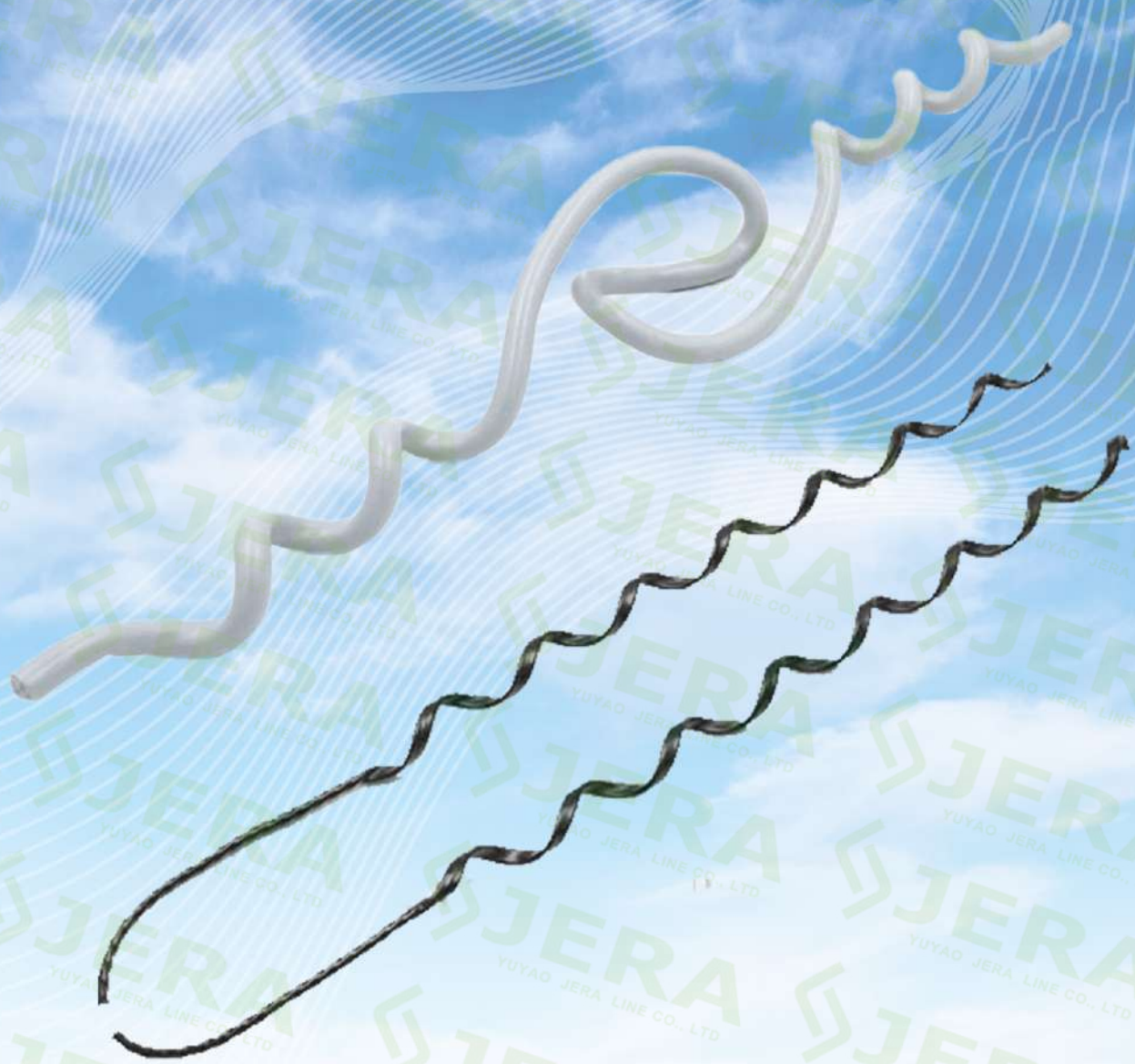


Product code	BIC 15-50 / 50-95	YK-18	PS-8	CA-25	PB-16-300
MBL,KN	/	0.5	2	2	15
Materials	Nylon	UV resistant PA pdymer	galvanized steel	Aluminum alloy	Hot dip galvanized steel

Technical specification



Product code	BRPF-60	CA-800	ES-1500	B-16-300	CA-1500-1
MBL,KN	2	8	8	10	15
Materials	Metall, plastic	Aluminum alloy	Aluminum alloy	Hot dip galvanized steel	Aluminum alloy









**DEAD-END GUY GRIPS &
INSULATOR TIES FOR MV**











LV DEAD-END GUY GRIPS UP TO 1KV

Technical specification









			
Product code	JS-AL-25	JS-AL-50	JS-AL-95
Cable size, mm²	25	50	95
MBL,KN	3.8	6.7	10.0
Conductor materials	 AL Insulated	 AL Insulated	 AL Insulated

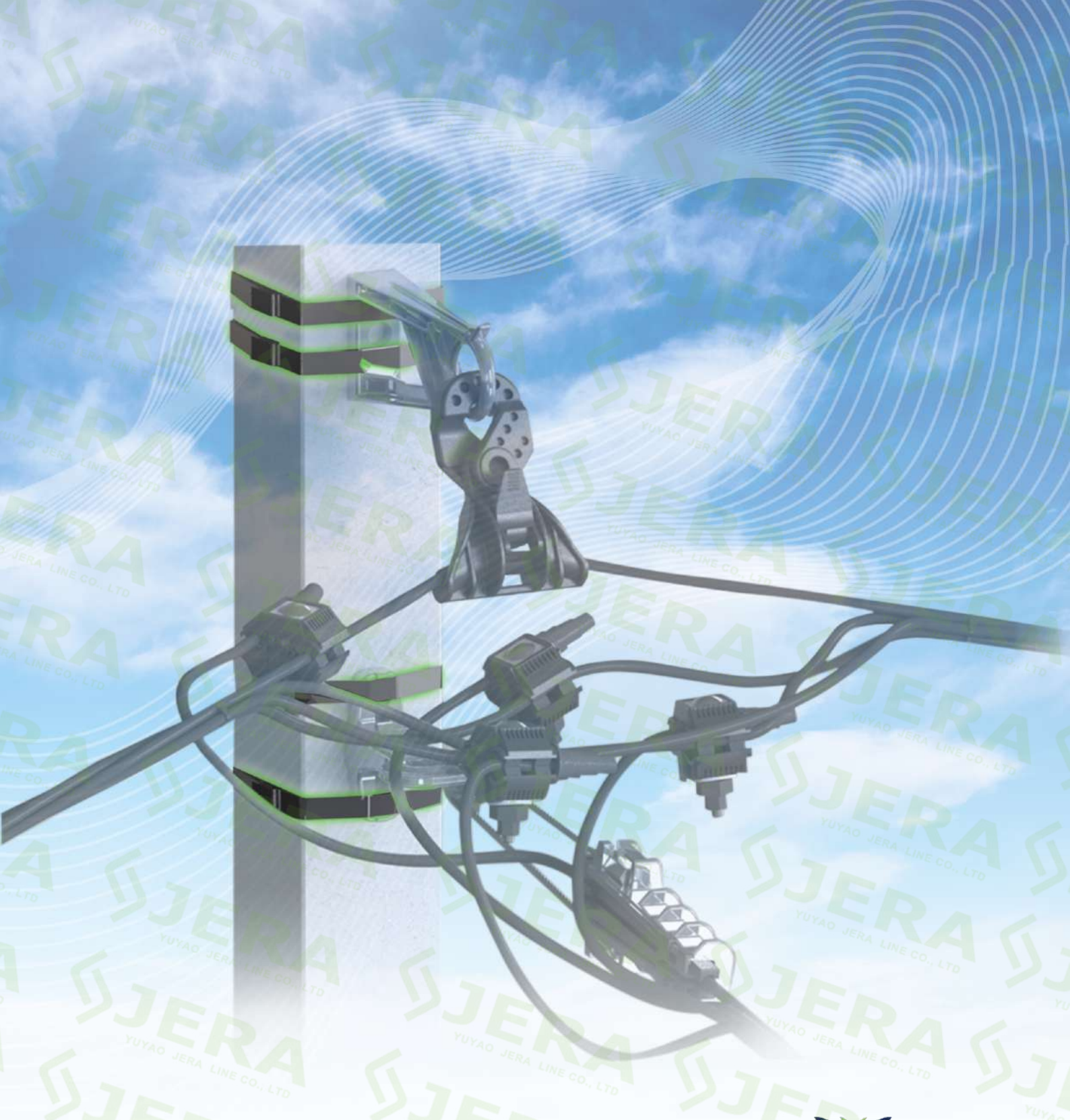
MV INSULATOR TIES UP TO 36KV

Technical specification

					
Product code	C035	C070	C0120	C0150	C0185
Cable size, mm²	Ø 12-14	Ø 14-17	Ø 17-20	Ø 20-23	Ø 23-27
MBL,KN	3.5	3.5	3.5	3.5	3.5
Conductor materials	 AL Insulated	 AL Insulated	 AL Insulated	 AL Insulated	 AL Insulated

Technical specification

				
Product code	CO240	CO300	TT-1316	TT-1719
Cable size, mm²	Ø 27-30	Ø 31-36	Ø 13-16	Ø 17-19
MBL,KN	3.5	3.5	/	/
Conductor materials	 AL Insulated	 AL Insulated	 AL Insulated	 AL Insulated



STAINLESS STEEL POLE BANDINGS



STAINLESS STEEL BANDS

Products



Key features



AISI
201
304
316



J201

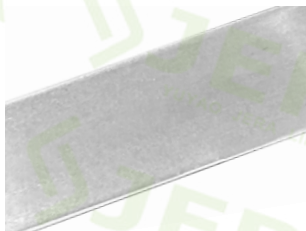


1 Complied to international standards 201, 304, 316.

2 Version J201 for low budget projects.

3 No lacking length, width, thickness in box.

4 Dispenser is easy to carry, you can roll back the slack of band.



5 Specify carved bend's edges.



6 Marking is available.

Technical specification

Material grades, ASTM	AISI 201	AISI 304	AISI 316		
Width	3/8" - 9.5 mm	1/2" - 12.7 mm	5/8" - 16.0 mm	3/4" - 19.0 mm	
Thikness	0.015" - 0.40 mm	0.020" - 0.50 mm	0.025" - 0.64 mm	0.028" - 0.70 mm	0.030" - 0.75 mm
Length for roll, m	30 or 50	30 or 50	30 or 50	30 or 50	30 or 50
Colour of dispenser	Red	Green	Blue	Gray	Yellow



STAINLESS STEEL BUCKLES, T-TYPE

Technical specification

Product code	KL-10-T	KL-13-T	KL-16-T	KL-20-T
Max band width	3/8" - 10 mm	1/2" - 12.7 mm	5/8" - 16.0 mm	3/4" - 20.0 mm
Material grades, ASTM	AISI 201, AISI 304	AISI 201, AISI 304	AISI 201, AISI 304	AISI 201, AISI 304



STAINLESS STEEL BUCKLES, LX AND LC TYPES

Technical specification

Product code	KL-13-L	KL-20-L	KL-20-LC	KL-20-LX
Max band width	1/2" - 12.7 mm	3/4" - 20.0 mm	3/4" - 20.0 mm	3/4" - 20.0 mm
Material grades, ASTM	AISI 201, AISI 304	AISI 201, AISI 304	AISI 201, AISI 304	AISI 201, AISI 304



STAINLESS STEEL BUCKLE WITH ELECTROPHORETIC PAINT

Technical specification

Product code	KL-10-T(E)	KL-13-T(E)	KL-16-T(E)	KL-20-T(E)
Max band width	3/8" - 10.0 mm	1/2" - 12.7 mm	5/8" - 16.0 mm	3/4" - 20.0 mm
Material grades, ASTM	AISI 201, AISI 304	AISI 201, AISI 304	AISI 201, AISI 304	AISI 201, AISI 304

Key features



(AISI)
201
304
316



T



LC



KL-16T



KL-16T.M

1 Complied to international standards 201, 304.

2 Regular version LC, T for your demand.

3 Reinforced T.M-version for higher strength.



BAND TOOLS

Products



Key features



DURABLE LIFE SPAN



REPAIR KIT FOR MAINTANANCE



HIGH STRENGHT MATEIRALS

Technical specification

Product code	MBT-003	MBT-004	MBT-005
Max band width	< 20	< 25	6.4-20
Band thickness	0.8	< 1.5	< 0.75



SELF TIGHTENING TIE

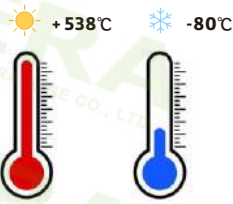
Products



Key features



AISI
304



- 1 Material : stainless steel AISI 304.
- 2 Operating temperature : -80C to + 538 C
- 3 Improved locking mechanism.
- 4 No special tools are required for installation.

Technical specification

Product code	ZDZD	12.7x0.7-CHKO	ZD
Width, mm	10	12.7	10
Thickness, mm	0.4	0.7	0.7
Material, grade, SUS	C304	J201/C304	J201/C304
Length of roll, meters	0.8	30	1



INSTALLATION TOOLS





INSULATED HOLDING TOOL

Product information:

IPC installation tool is a device to hold insulation piercing connectors through its installation.

Technical specification

Product code	JTN-7
Dielectric strength	1000V



INSULATED HOLDING TOOL

Product information:

Insulated holding tool is an aid for jointing of the Multi tap IPC connector during branching of the four/six of insulated service electrical cables.

Technical specification

Product code	JTN-8
Application	MTT-4 connector
Cable diameter,mm	6-12
Materials	UV resistant plastic



HOLDING TOOL FOR MECHANICAL CONNECTORS

Product information:

Tool holding for mechanical connectors and cable lugs during power cable line construction.

Technical specification

Product code	JTN-10
Materials	Stainless steel, UV resistant plastic



THE DIELECTRIC TORQUE WRENCH

Product information:

Insulated Torque Wrench for IPC Installation, low voltage usage up to 1000v, ZOP series Insulation piercing connector shear head tightening hex key for 1/2 inches size

Technical specification

Product code	JTN-12-13r	JTN-12-17r
Dielectric strength	1000V	1000V
Product Type	Wrench	Wrench
Size	13 mm,1/2 Inches	17 mm,1/2 Inches
Application voltage	<1000V	<1000V



STRINGING PULLEY

Product information:

Overhead stringing pulley is used for pulling of the insulated aerial conductor or ropes.

Technical specification

Product code	MT-26-5-30
MBL,KN	20
Groove's Material	Nylon
Weigth,KG	1.5



JTN(CC)-325

Product information:

Cable cutter is a tools used to cut CU/AL, single strand or multi-strands of cables during power line construction.

Technical specification

Product code	JTN(CC)-325
Cable cutting range, mm2	≤400



COME-ALONGS



Product information:

Stringing overhead come-along is used for pulling conductors by manual or machine force.

Technical specification

Product code	C-422
MBL,KN	20
Cable size,mm	Ø 4 - 22



LEVER HOISTS

Product information:

Stringing lever hoist is a lever operated manual device used to lift, lower, or pull a load and to apply or release tension.

Technical specification

Product code	LH-20
Pulling force, ton	Without block 1,5
	With block 3,0
Cable length, mm	Without block 3,0
	With block 1,6



CABLE PULLING SOCKS

Product information:

Overhead pulling cable grip is used for pulling of the insulated conductor, for ropes and cable with neutral messenger.

Technical specification

Product code	SP-6-12-300	SP-12-18-600	SP-18-26-600
MBL,KN	10	12	15
Cable diameter,mm	6-12	12-18	18-25
Length, mm	300	600	600

JERA LINE'S APPROACH IN POWER CONNECTORS

2012

Jera Line Established



2017

First EN-50483-4 type test report
First Tender Supply



2018

LV MV cable lugs & connectors



2024-25

Over voltage protection



2013

Pole banding and clamps



2015

LV IPC insulation piercing connectors



2023

MV IPC insulation piercing connectors





WHOLE SOLUTION



Yuyao , Ningbo , China



WHATSAPP



Info@jera-energy.com



CATALOGUE



<https://www.jera-energy.com/>

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