



LOW AND MEDIUM VOLTAGE CABLE CONNECTORS, LUGS FOR UNDERGROUND AND AERIAL POWER GRIDS

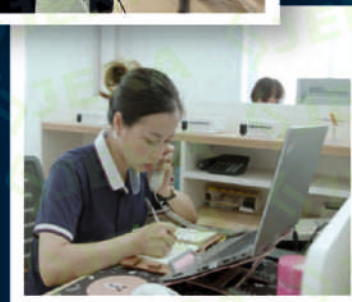
COMPANY PROFILE

JERA LINE is a factory, that produces overhead and underground cable infrastructure. Which transmits electricity and information, via

- Power Cable Grids,
- Fiber Optic Cable Networks.

In the following catalog, we present low and medium voltage connectors, lugs for underground and aerial cables.

JERA is operating according to ISO9001, all our products meet the criteria of key regional standards, CE, IEC, EN, CPR. Welcome to cooperate, our intention is committed to build reliable, long-term business relationships.



Our Mission is to satisfy the market's demands through the development of technology in related business sectors to the highest technology level by using innovations and know how.

Our Vision is to achieve the possibility of manufacturing a comprehensive and reliable complex of products for construction of power distribution systems and telecommunication networks.

OUR ADVANTAGES



QUALITY GUARANTEE

Guarantee policy for all products



MANUFACTURER RND

Direct factory with research and design OEM ODM



COMPETITIVE PRICE

Location in China



COMPLY TO INTERNATIONAL STANDARD

Products are made in accordance to EN 50483-4, NFC 33 020, IEC 61238-1, UL 94



GLOBAL EXPERIENCE

Global experience, we serving customers all over the world



COMPLETE SOLUTION

Necessary electrical cable infrastructure



JERA line is 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 inspection or new product development.

PRODUCTION FACILITY



Plastic molding workshop

CNC metals workshop

Press forming workshop

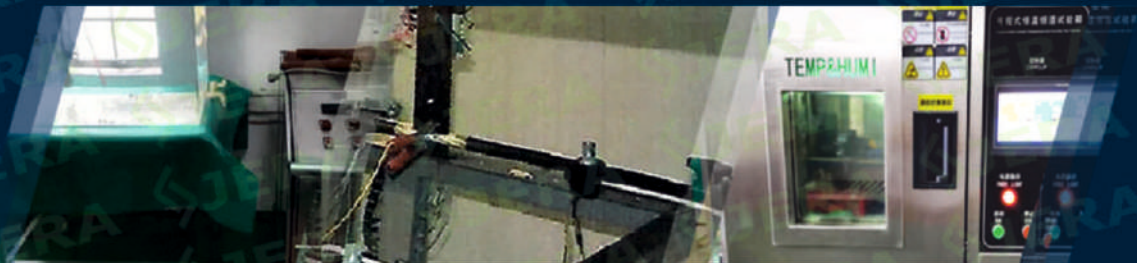


Mold processing workshop

Helical wire forming workshop

Products Assembly workshop

TESTING FACILITY



Under water aging test

Electrical aging test

Temp & Humi cycling test



UV & temperature test

Tensile strength test

Fire resistance test



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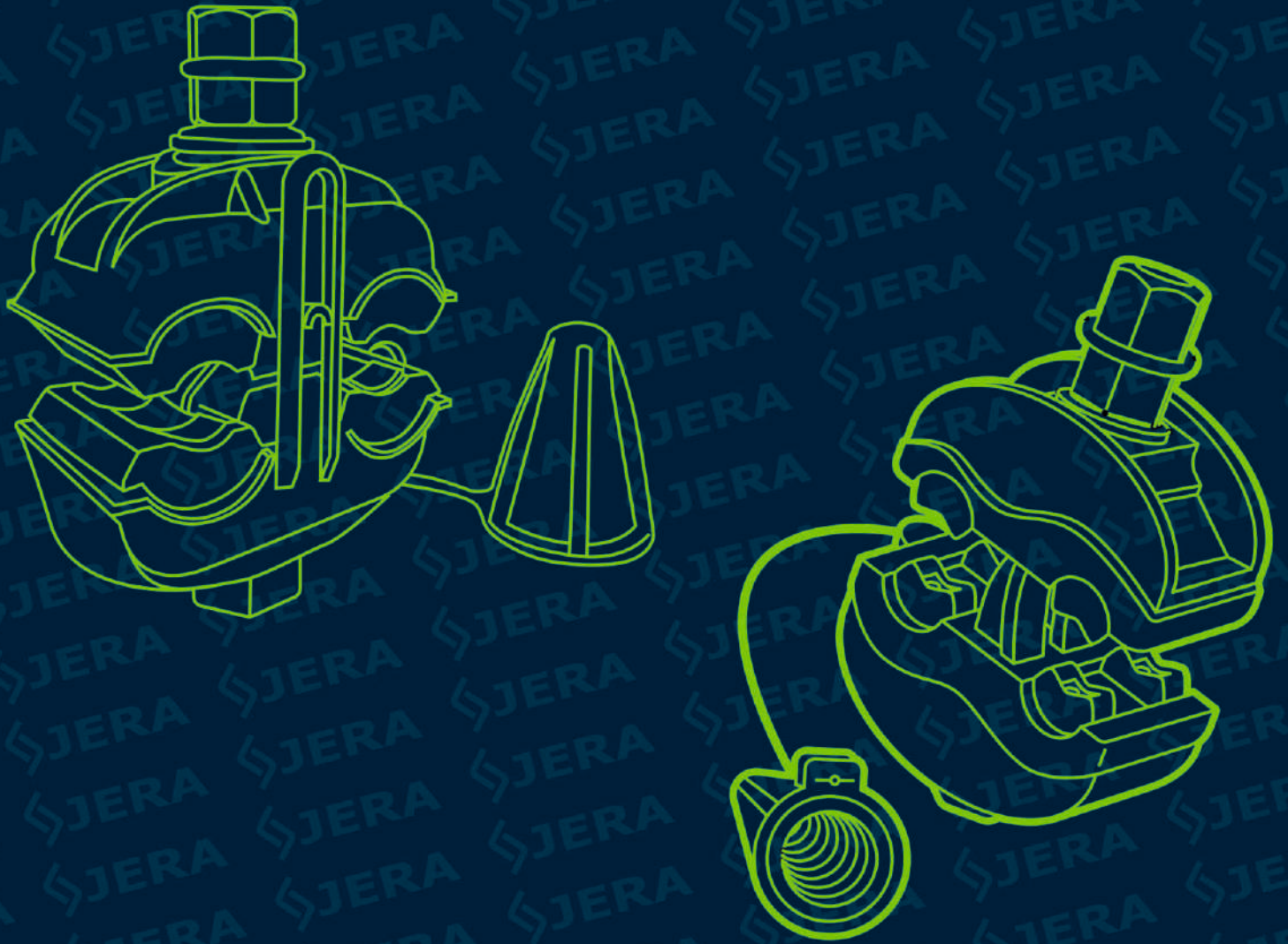
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INSULATION PIERCING CONNECTORS



Key Features

- Comply to international standards such as CENELEC, EN-50483-4 Class A, NFC 33-020, UL 94.
- Suitable for copper, aluminum and some solar double jacketed cable, cable range is from 1.5-400mm².
- Application voltage from 0.4KV to 15KV AC, some connectors applicable for solar system up to 2.0KV DC.
- No need to strip the cables insulation which allow quick and easy installation.
- IP68 grade protection for outdoor application.




INSULATION PIERCING CONNECTORS

Product information:

Insulation piercing connectors was developed to branch the insulated service cable from main electrical cable, without cutting or peeling insulated cable jacket which improve the efficiency of power cable line deployment.

Key features:

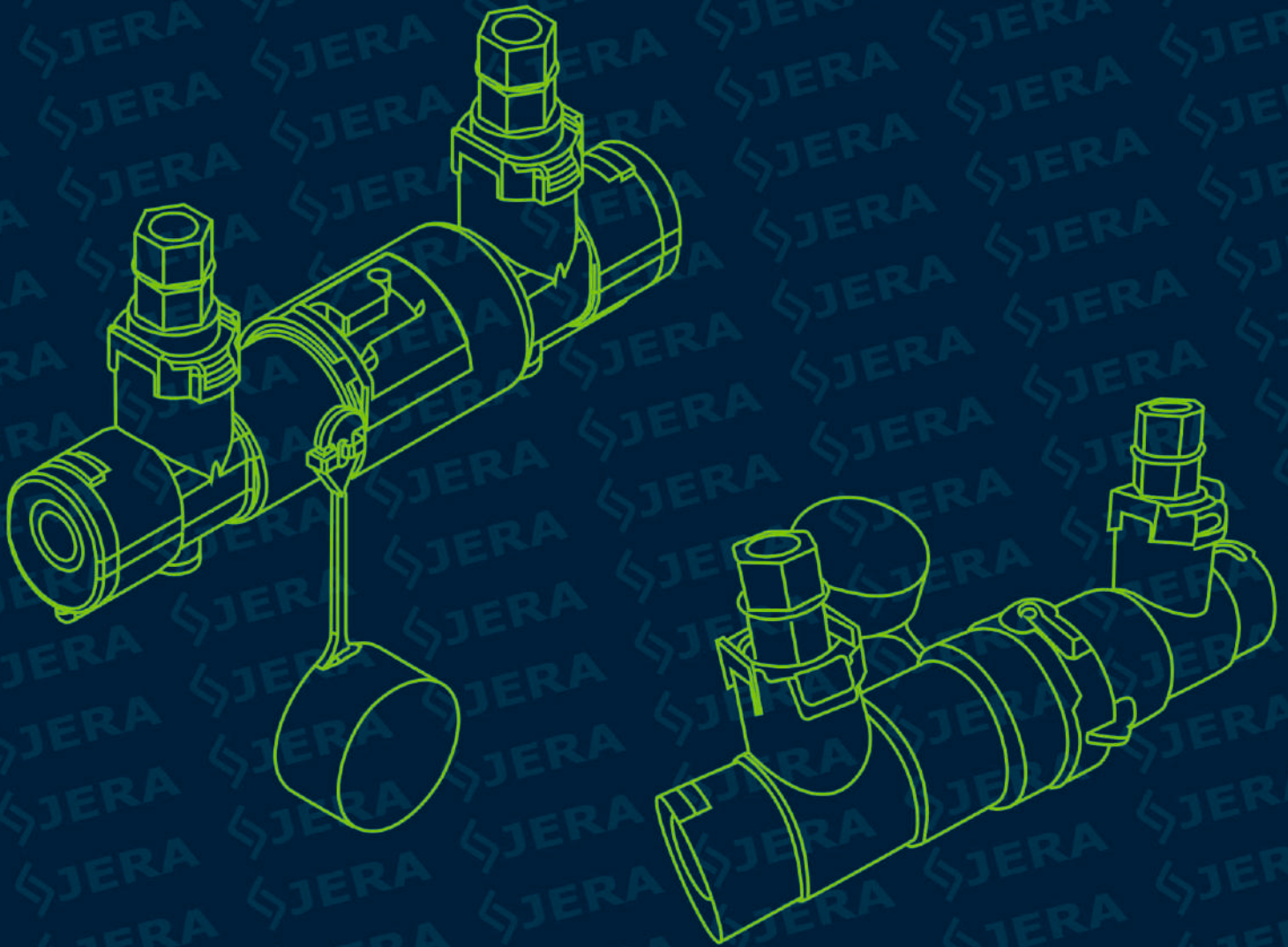
1. Quick installation speed
2. Outdoor IP68 protection, durable
3. No more of stripping the cable's insulation required
4. Universal cable application of PV cable 1.5-400mm², with double jacket's insulation
5. Conform to the standard: EN50483-4:2009, NFC 33-020, UL 94

Product code	Main line/ Branch line,, mm ²	Torque, N*m	Voltage, KV	Conductor materials
 ZOP-45P	4-70/1,5-16	6(+1)	AC: 0.4-1.0	 CU or AL Insulated
 ZOP-45	4-120/1,5-16	11(+1)	AC: 0.4-1.0	 CU or AL Insulated
 ZOP-52	16-185/1,5-16	11(+2)	AC: 0.4-1.0	 CU or AL Insulated
 ZOP-54	16-150/4-50	11(+2)	AC: 0.4-1.0 DC: 2.0	 CU or AL Insulated
 ZOP-56	25-185/6-35	13(+2)	AC: 0.4-1.0	 CU or AL Insulated
 ZOP-57	25-150/25-95	16(+2)	AC: 0.4-1.0 DC: 2.0	 CU or AL Insulated
 ZOP-257	25-150/25-95	16(+2)	AC: 0.4-10.0	 CU or AL Insulated
 ZOP-258	35-185/35-185	18	AC: 6.0-20.0	 CU or AL Insulated
 ZOP-259	70-240/70-240	18	AC: 6.0-20.0	 CU or AL Insulated



Product code	Main line/ Branch line,, mm ²	Torque, N*m	Voltage, KV	Conductor materials
ZOP-395+GB-80 	240-300/70	21(+2)	AC: 0.4-15	 CU or AL Insulated
ZOP-300 	95-300/4-35	18(+2)	AC: 0.4-1.5 DC: 2.0	 CU or AL Insulated
ZOP-395 	95-300/95-300	21(+2)	AC: 0.4-15	 CU or AL Insulated
ZOP-400 	150-400/4-35	21(+2)	AC: 0.6-1.5 DC: 2.0	 CU or AL Insulated
ZOP-1 	16-95/1,5-10	7(+2)	AC: 0.4-1.0	 AL to AL Insulated
ZOP-2 	16-95/4-35	13(+2)	AC: 0.4-1.0	 AL to AL Insulated
ZOP-1N 	16-95/1,5-10	7(+2)	AC: 0.4-1.0	 AL Insulated / AL bare
ZOP-2N 	16-120/4-35	11(+2)	AC: 0.4-1.0	 AL Insulated / AL bare
MTTp-4x435 	Branch line 4x4-35	10(+2)	AC: 0.4-1.5 DC: 2.0	 CU, AL Insulated
MZ-4-50 	4-50	/	/	 CU or AL Insulated
MZ-25-150 	25-150	/	/	 CU or AL Insulated
MZ-95-300 	95-300	/	/	 CU or AL Insulated

FUSE HOLDERS



Key Features

- Comply to international standards such as CENELEC, EN-50483-4 Class A, NFC 33-020, UL 94.
- Suitable for copper, aluminum cable range is from 4-50mm², maximum ampere up to 80A.
- Application voltage from 0.4 KV to 1.0KV AC, some connectors applicable for solar system up to 2.0KV DC.
- No need to strip the cable insulation which allow quick and easy installation.
- IP68 grade protection for outdoor application.



FUSE HOLDERS

Product information



FHp-435-1038



FHp-435-1085






FHp-450-2258

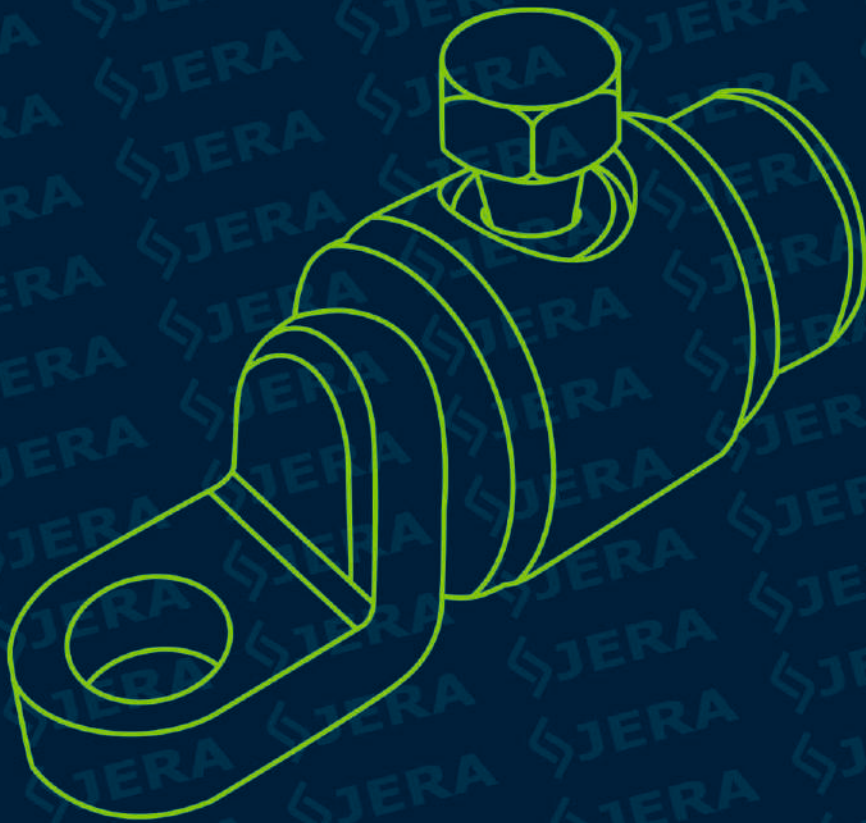
Key advantage

1. Quick installation speed
2. Sealing is restored after closing
3. Outdoor IP68 protection, durable
4. No more of stripping the cable's insulation required
5. Conform to the standard: EN50483-4:2009, NFC 33-020, UL 94

Technical specification:

Product code	FHp-435-1038	FHp-435-1085	FHp-450-2258
Cable size, mm ²	4-35	4-35	4-50
Fuse cassette size, mm	10*38	10*85	22*58
Voltage, KV	AC: 0.4-1.0	AC: 0.4-1.0 DC: 2.0	AC: 0.4-1.0
Application cables	 CU or AL Insulated	 CU or AL Insulated	 CU or AL Insulated

PRE INSULATED LUGS AND CONNECTORS



Key Features

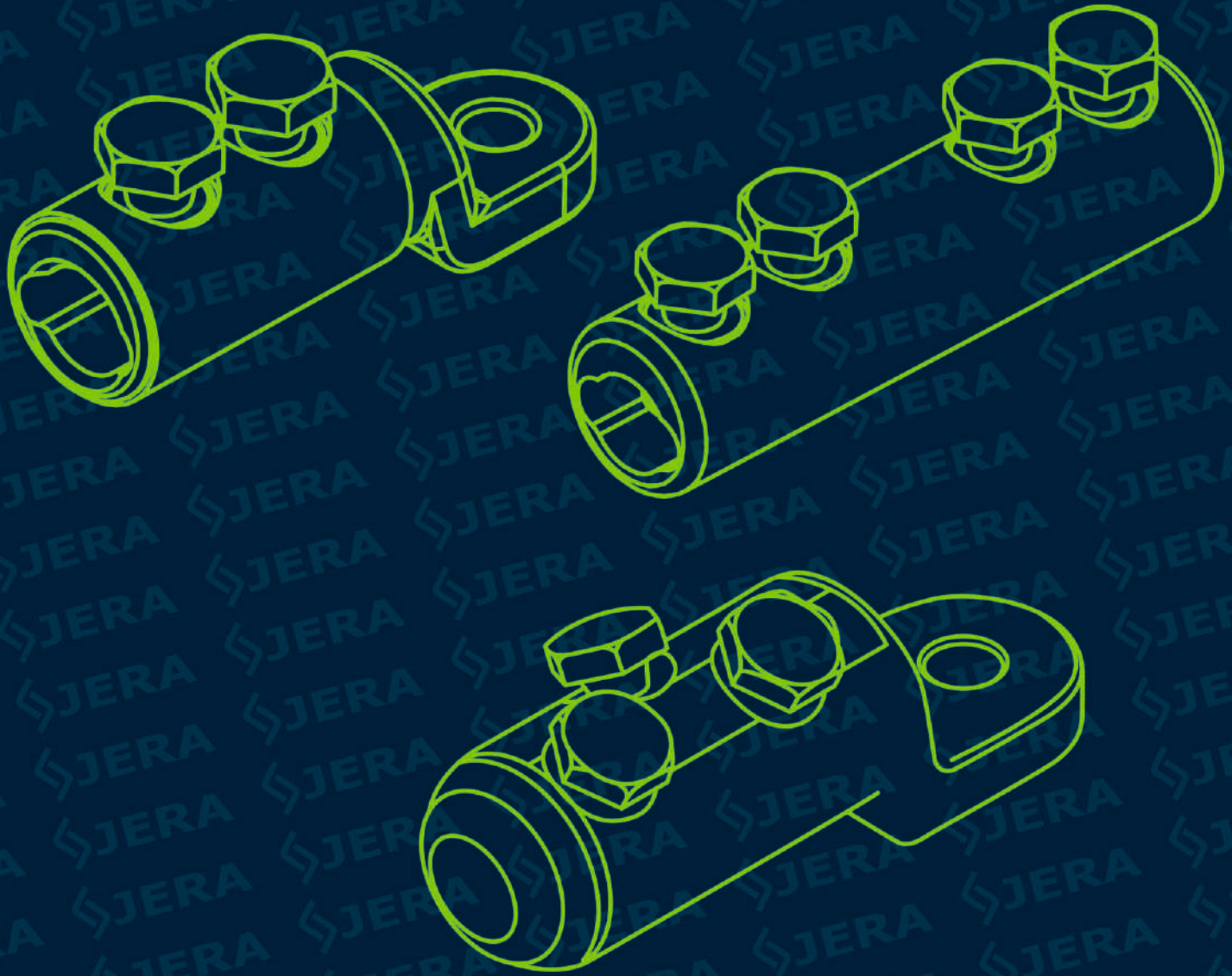
- Comply to international standards such as CENELEC, EN-50483-4 Class A, NFC 33-020, UL 94.
- Suitable for copper, aluminum cable range is from 16-240mm², voltage range is 0.4 to 1.0KV AC.
- Divide into two types according to installation method, shear head bolt type and tool crimping type.



PRE INSULATED LUGS AND CONNECTORS

Product code	Cable size, mm ²	Number of bolts	Installation method	Voltage, KV	Application cables
ICL-16-95	16-95	1	Shear head bolt, 24-26 N*m	AC: 0.4-1.0	 CU or AL Insulated
ICL-2-70-240	70-240	2	Shear head bolt, 46-50 N*m	AC: 0.4-1.0	 CU or AL Insulated
ICLp-450	4-50	1	Piercing, Shear head bolt, 10 N*m	AC: 0.4-1.0	 CU or AL Insulated
CPTA-16...70	16,25,35,50,70	/	Crimping, tool E173	AC: 0.4-1.0	 CU or AL Insulated
CPTA-95...150	95,120,150	/	Crimping tool E215	AC: 0.4-1.0	 CU or AL Insulated
ICCP-450	4-50	2	Piercing, Shear head bolt, 10 N*m	AC: 0.4-1.0	 CU or AL Insulated

MECHANICAL TERMINATIONS & CONNECTORS



Key Features





















- Produced according to IEC-61238-1-1 standard.
- Suitable for copper & aluminum cable, cable range is from 4-630 mm², voltage from 0.4 to 11 and 36 KV.
- Made of high strength, corrosion resistant aluminum materials.
- Cable jointing process does not require the specialized compression tools.



MECHANICAL TERMINATIONS AND CONNECTORS

Product information:

Mechanical cable lug is a component of an electrical device that connects the cable to the device terminals that simplifies the assembly of personnel, maintenance, and repair processes. A mechanical cable connectors used for terminating and jointing aluminium or copper conductors in applications up to 11 KV.

Product code	Cable size, mm ²	Number of bolts	Torque, N*m	Voltage, KV	Application cables
 CLBIT-6(4)-50	6(4)-50	1	10/10	AC: 0.4-11	 CU or AL Insulated
 CLBIT-16-95	16-95	1	14/14	AC: 0.4-11	 CU or AL Insulated
 CLBIT-2-25-150	25-150	2	16/17	AC: 0.4-11	 CU or AL Insulated
 CLBIT-2-70-240	70-240	2	18/19	AC: 0.4-11	 CU or AL Insulated
 CLBIT-2-120-300	120-300	2	24/24	AC: 0.4-11	 CU or AL Insulated
 CCBIT-2-6-50	6(4)-50	2	10/10	AC: 0.4-11	 CU or AL Insulated
 CCBIT-2-16-95	16-95	2	14/14	AC: 0.4-11	 CU or AL Insulated
 CCBIT-4-25-150	25-150	2	16/17	AC: 0.4-11	 CU or AL Insulated
 CCBIT-4-70-240	70-240	2	18/19	AC: 0.4-11	 CU or AL Insulated
 CCBIT-4-120-300	120-300	2	24/24	AC: 0.4-11	 CU or AL Insulated



MECHANICAL TERMINATIONS AND CONNECTORS

Product information:

Mechanical cable lug is a component of an electrical device that connects the cable to the device terminals that simplifies the assembly of personnel, maintenance, and repair processes. A mechanical cable connectors used for terminating and jointing aluminium or copper conductors in applications up to 36 KV.

Features:



Product code	Cable size, mm ²	Number of bolts	Torque, N'm	Voltage, KV	Application cables
 CLBVz-36-1-16-95-M12	16-95	1	18/20/22	0.4-36	 CU or AL Insulated
 CLBVz-36-1-16-95-M16	16-95	1	18/20/22	0.4-36	 CU or AL Insulated
 CLBVz-36-2-16-95-M12	16-95	2	18/20/22	0.4-36	 CU or AL Insulated
 CLBVz-36-2-16-95-M16	16-95	2	18/20/22	0.4-36	 CU or AL Insulated
 CLBVz-36-1-25-150-M12	25-150	1	30/32/34	0.4-36	 CU or AL Insulated
 CLBVz-36-1-25-150-M16	25-150	1	30/32/34	0.4-36	 CU or AL Insulated
 CLBVz-36-2-25-150-M12	25-150	2	30/32/34	0.4-36	 CU or AL Insulated
 CLBVz-36-2-16-95-M16	25-150	2	30/32/34	0.4-36	 CU or AL Insulated
 CLBVz-36-2-70-240-M16	70-240	2	36/38/40	0.4-36	 CU or AL Insulated
 CLBVz-36-2-120-300-M16	120-300	2	40/42/44	0.4-36	 CU or AL Insulated



MECHANICAL TERMINATIONS AND CONNECTORS

	Product code	Cable size, mm ²	Number of bolts	Torque, N*m	Voltage, KV	Application cables
	CLBVz-36-3-185-400-M16	185-400	3	46/48/50/52	0.4-36	 CU or AL Insulated
	CLBVz-36-3-400-630-M16	400-630	3	74/76/78/80	0.4-36	 CU or AL Insulated
	CCBVz-36-2-16-95	16-95	2	18/20/22	0.4-36	 CU or AL Insulated
	CCBVz-36-4-16-95	16-95	4	18/20/22	0.4-36	 CU or AL Insulated
	CCBVz-36-2-25-150	25-150	2	30/32/34	0.4-36	 CU or AL Insulated
	CCBVz-36-4-25-150	25-150	4	30/32/34	0.4-36	 CU or AL Insulated
	CCBVz-36-4-70-240	70-240	4	36/38/40	0.4-36	 CU or AL Insulated
	CCBVz-36-4-120-300	120-300	4	40/42/44	0.4-36	 CU or AL Insulated
	BVZ-36-6-185-400	185-400	6	46/48/50/52	0.4-36	 CU or AL Insulated
	BVZ-36-6-400-630	400-630	6	74/76/78/80	0.4-36	 CU or AL Insulated

TENSION CLAMP & SUSPENSION CLAMPS



Key Features



















- Comply to international standards such as CENELEC, EN-50483-4 Class A, NFC 33-020, UL 94.
- Suitable for copper or aluminum cable range is from 4 to 150mm² , voltage range from 0.4 to 36KV AC.
- Designed easy to use and no need other tools during installation.
- Made of weather and UV resistant materials, durable.



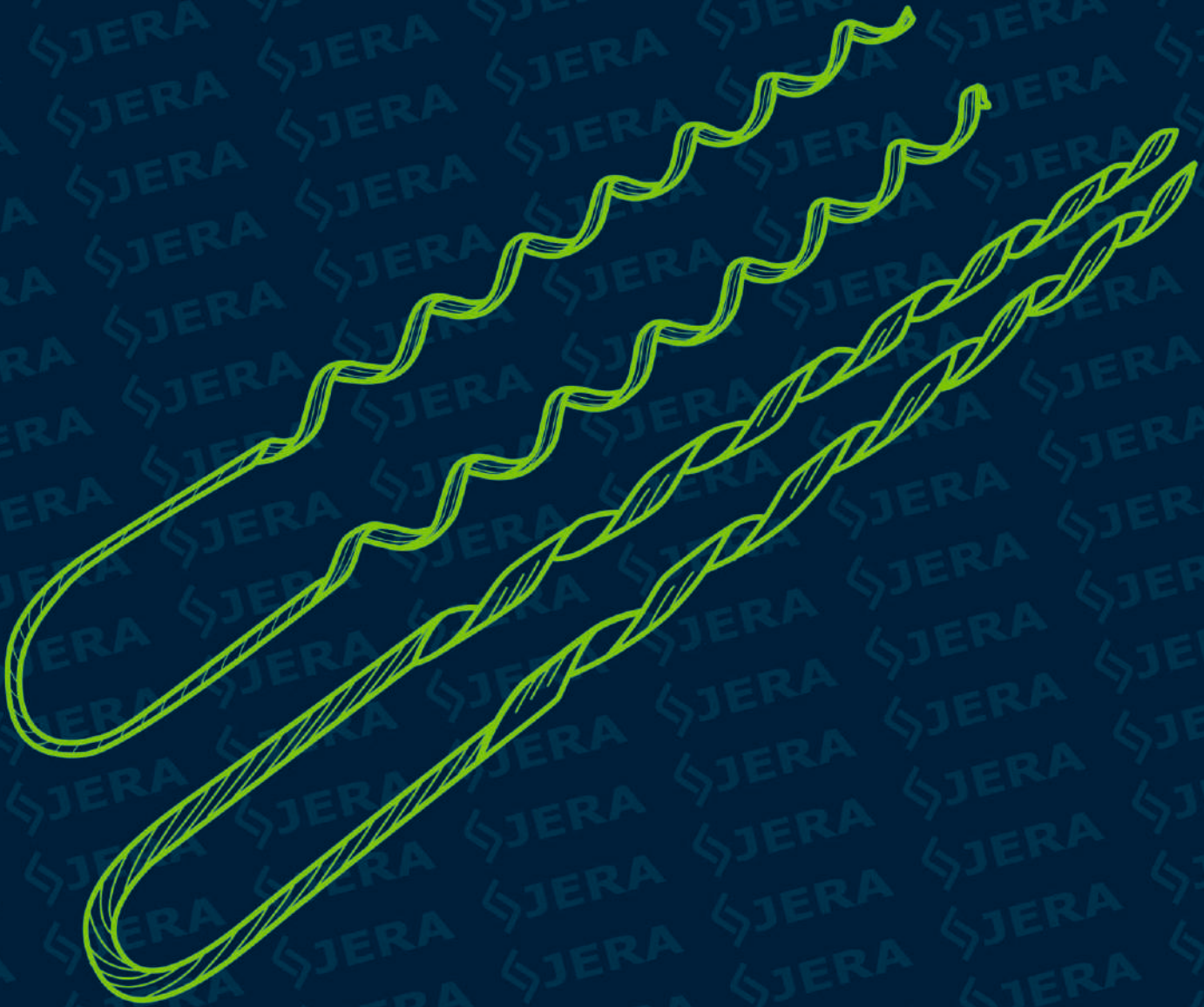
TENSION & SUSPENSION CLAMPS

Product information:

Tension clamps and suspension clamps are used to anchor and support low voltage aerial bundled conductors (ABC) during aerial power cable line deployment.

Product code		Cable type	Cable size,mm ²	MBL,KN	Voltage, KV	Application cables
STX		Single core ABC	4-16	1,5	AC: 0.4-1.0	 CU or AL Insulated
STB		2 core ABC	2x16-25	2,0	AC: 0.4-1.0	 AL Insulated
STC		4 core ABC	4x10-35	2,5	AC: 0.4-1.0	 AL Insulated
STI		Single core ABC	35-95	2,0	AC: 0.4-1.0	 AL Insulated
PA-800		Single core ABC	16-35	8,0	AC: 0.4-1.0	 AL Insulated
PA-1600		Single core ABC	35-70	15,0	AC: 0.4-1.0	 AL Insulated
PA-1000		Single core ABC	25-35	10,0	AC: 0.4-1.0	 AL Insulated
PA-1500		Single core ABC	50-70	15,0	AC: 0.4-1.0	 AL Insulated
JR-85		Single core ABC	35-150	35,0	AC: 0.4-36	 AL Insulated, bare
ES-500		Single core ABC	10-70	4,5	AC: 0.4-1.0	 AL Insulated
ES-800		Single core ABC	16-95	8,0	AC: 0.4-1.0	 AL Insulated
ES-1500		Single core ABC	16-95	8,0	AC: 0.4-1.0	 AL Insulated
PS-1500		Single core ABC	16-95	12,0	AC: 0.4-1.0	 AL Insulated

DEAD-END GUY GRIPS & INSULATOR TIES



Key Features

- Hand installation, no need other tools.
- Dead end guy grips suitable for aluminum cable, voltage from 0.4 to 1.0 KV.
- Insulator ties suitable for aluminum cable for MV, HV line voltage up to 36KV.
- Weather resistant materials, guarantee long period application.



DEAD-END GUY GRIPS

Technical specification:

Product code	Cable size, mm ²	MBL,KN	Voltage, KV	Application cables
JS-AL-25	25	3.8	AC: 0.4-1.0	 AL Insulated
JS-AL-50	50	6.7	AC: 0.4-1.0	 AL Insulated
JS-AL-95	95	10.0	AC: 0.4-1.0	 AL Insulated

INSULATOR TIES

Technical specification:

Product code	Cable size, mm	MBL,KN	Voltage, KV	Application cables
C035	Ø 12-14	4.0	AC: 0.4-36.0	 AL Insulated
C070	Ø 14-17	4.0	AC: 0.4-36.0	 AL Insulated
C0120	Ø 17-20	4.0	AC: 0.4-36.0	 AL Insulated
C0150	Ø 20-23	4.0	AC: 0.4-36.0	 AL Insulated
C0185	Ø 23-27	4.0	AC: 0.4-36.0	 AL Insulated
C0240	Ø 27-30	4.0	AC: 0.4-36.0	 AL Insulated
C0300	Ø 32-36	4.0	AC: 0.4-36.0	 AL Insulated
TT-1316	Ø 13-16	/	AC: 0.4-36.0	 AL Insulated
TT-1719	Ø 17-19	/	AC: 0.4-22	 AL Insulated

TENSION & SUSPENSION BRACKETS, HOOKS



Key Features

- Comply to international standards such as CENELEC, EN-50483-4 NFC 33-020
- Made of aluminium alloy, hot dip galvanized steel, stainless steel which are UV proof and weather resistant.
- Designed easy and convenience to use.



Product code	Image	MBL,KN	Materials
CA-25		2,0	Aluminum alloy
CA-30		2,0	UV resistant plastic
CA-800		8,0	Aluminum alloy
CA-1000.1		15,0	Aluminum alloy
CA-1500.1		20,0	Aluminum alloy
YKR-01		8,0	Hot dip galvanized steel
CF-16		18,0	Hot dip galvanized steel
PS-8		1,0	Electronic galvanized steel
B-16-300		15,0	Hot dip galvanized steel
PB-16-300		15,0	Hot dip galvanized steel
BIC 15-50 / 50-95			Nylon
BRPF-60		2	Metall, plastic

STAINLESS STEEL POLE BANDINGS



Key Features

- Comply to standards EN 10088-2
- Use the SUS grade materials for our SS band and buckle, have extended service life and stable performance.
- Band width is from 8.0 to 19.0mm ,thickness is from 0.4 to 0.75mm for selection.
- Band length is available with 30 or 50m.
- Band can be packaged in plastic dispenser or carton.



STAINLESS STEEL BANDS

Product information



Technical specification:

Material grade, SUS	201	202	202	304
Width	3/8" - 9.5 mm	1/2" - 12.7 mm	5/8" - 16.0 mm	3/4" - 19.0 mm
Thickness	0.015" - 0.40 mm	0.020" - 0.50 mm	0.025" - 0.64 mm	0.028" - 0.70 mm
Length for roll, m	30 or 50	30 or 50	30 or 50	30 or 50
Colour of dispenser	Red	Green	Blue	Gray

BAND TOOLS

Product information



WHEEL TOOL MBT-003



RATCHET TOOL MBT-004

Technical specification:

Product code	MBT-003	MBT-004
Max band width, mm	< 20	< 25
Band thickness, mm	< 1.2	< 1.5



STAINLESS STEEL BUCKLES, T-TYPE

Product information



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
Grades	202, 304	202, 304	202, 304	202, 304

STAINLESS STEEL BUCKLES, LX AND LC TYPES

Product information



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
Grades	202, 304	202, 304	202, 304	202, 304

STAINLESS STEEL BUCKLE WITH ELECTROPHORETIC PAINT

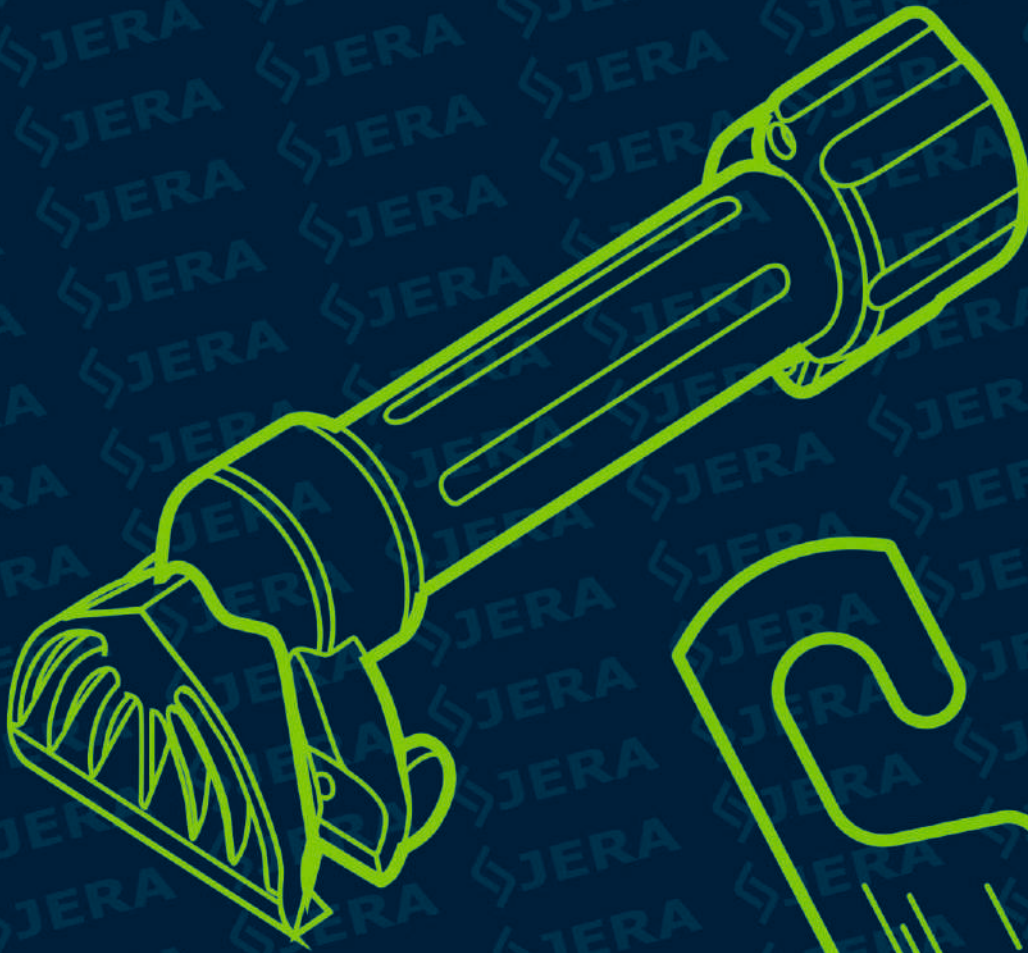
Product information



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
Grades	202, 304	202, 304	202, 304	202, 304

INSTALLATION TOOLS



Key Features

- Simple design, easy to use
- Made of weather resistant materials, UV and rust proof.
- Provide quick and easy way to power cable line deployment.



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



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



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



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



RATCHET CABLE CUTTER

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-400
Cable cutting range, mm2	≤400

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