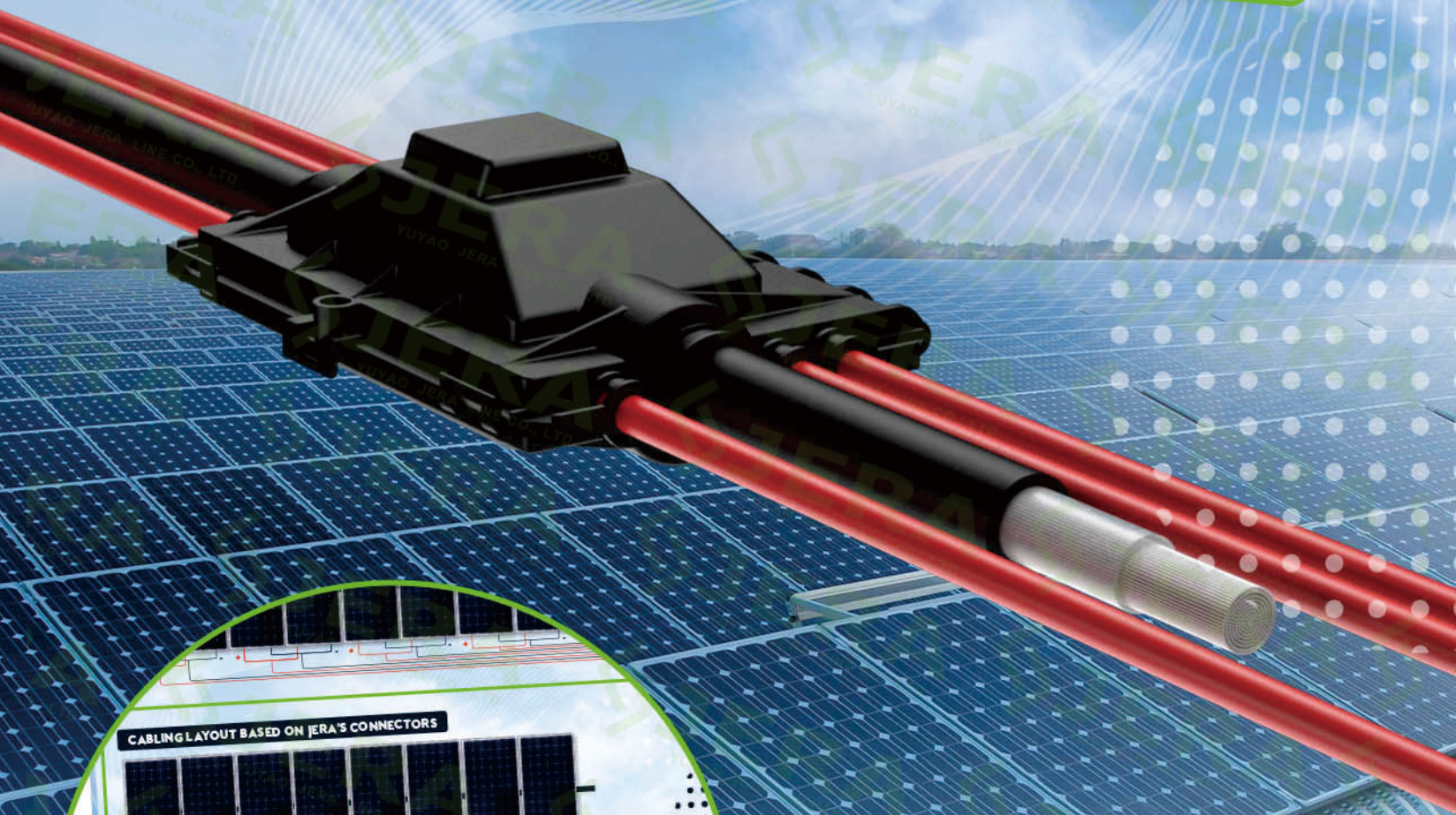


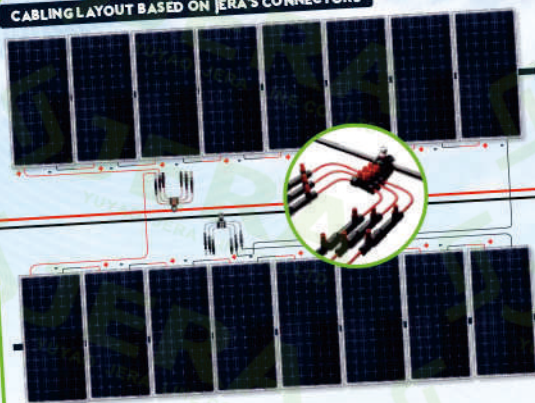


JERA LINE
CHINA NINGBO YUYAO FACTORY

25%
COST
SAVING



CABLING LAYOUT BASED ON JERA'S CONNECTORS

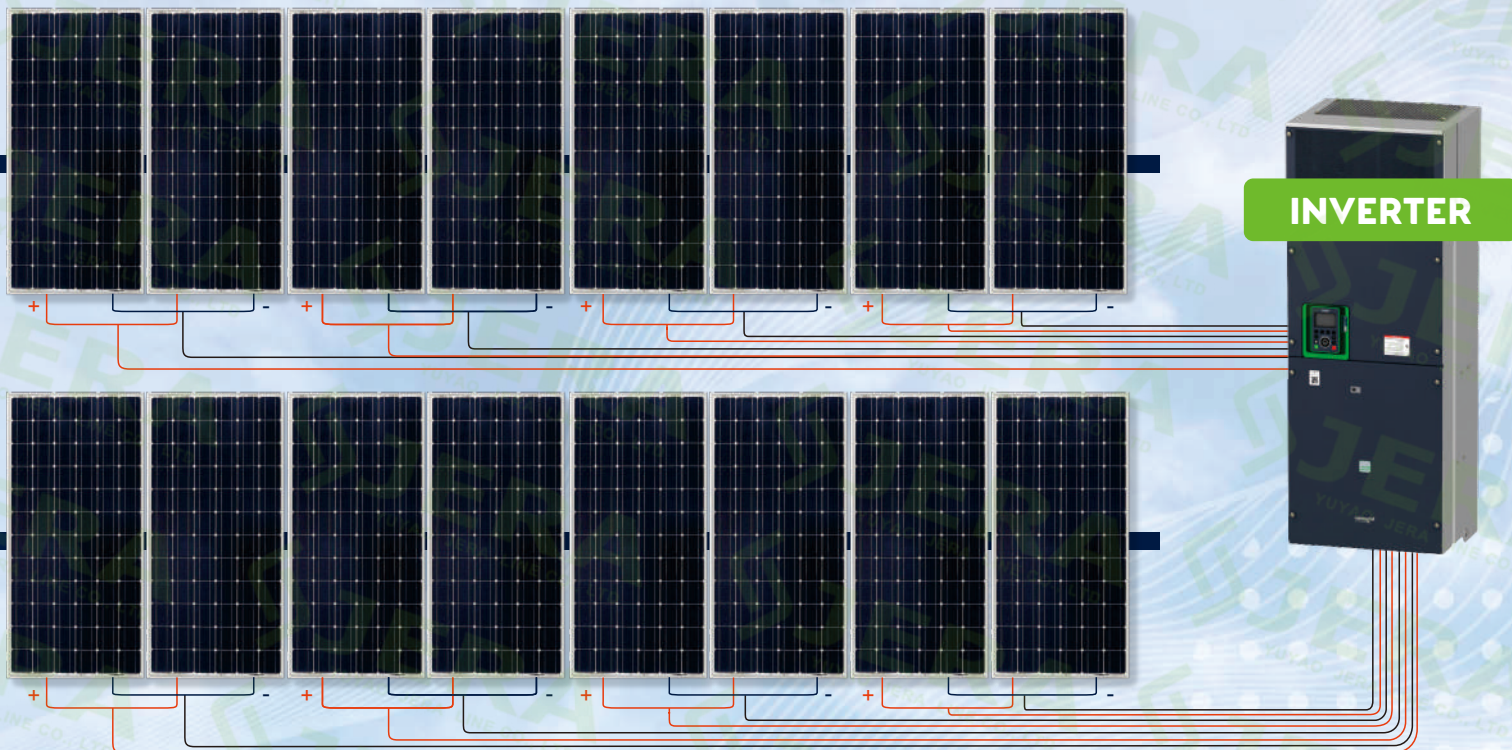


INVERTER

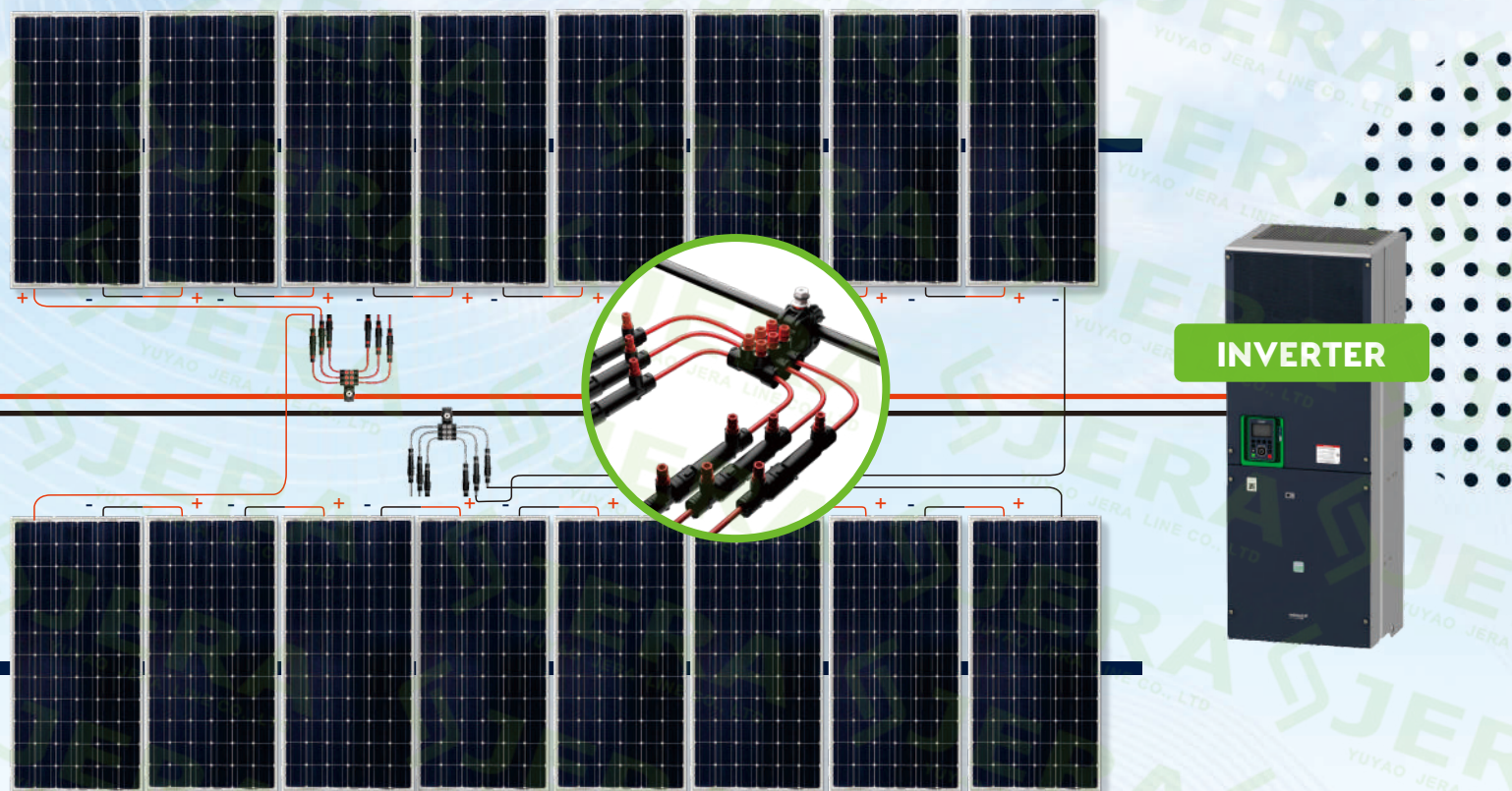
- LESS CABLE LENGTH
- LESS INSTALLATION TIME AND SKILLS
- MINIMIZE TRANSMISSION LOSSES BY CABLE PIERCING TECHNOLOGY

**CABLE HARNESS SYSTEM
FOR OFF GRID SOLAR PLANTS**

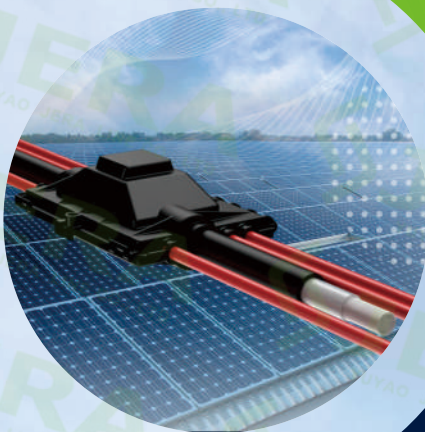
TRADITIONAL STRING CABLING LAYOUT



CABLING LAYOUT BASED ON JERA'S CONNECTORS



- LESS CABLE LENGTH
- LESS INSTALLATION TIME AND SKILLS
- MINIMIZE TRANSMISSION LOSSES BY CABLE PIERCING TECHNOLOGY



TAP/BUS HARNESS CONNECTION SYSTEM



OVERCURRENT PROTECTION



CABLE LUGS & JOINTS



ANCHORING & SUSPENSION

23%

TIME SAVING

- Less civil work
- No more cable stripping
no combiner box use

25%

COST SAVING

- Less cable length
- Less operators needed
and with lower skills
- Suspended cable system:
quicker & easier to install

50%

LOSSES SAVING

- Minimize network losses
- Larger cable section
- Reduced contact
resistance

100%

RELIABILITY

- Proven IPC technology
- Optimized fuse ventilation



ABSENCE OF MAINTENANCE

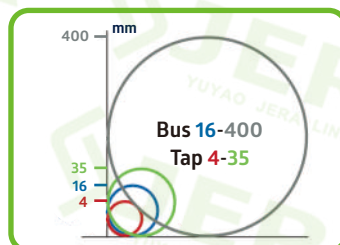
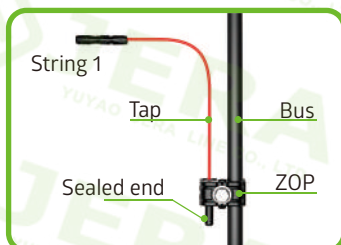


JERA LINE

TAP/BUS HARNESS CONNECTION SYSTEM

TAP/BUS CONNECTORS

APPLICATION:



Technical specification:



ZOP-3



ZOP-34



ZOP-300

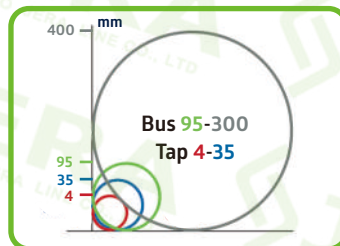
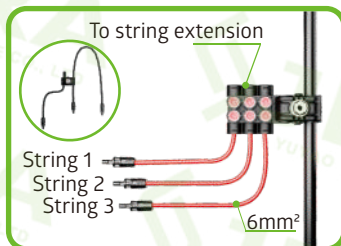


ZOP-410

Main line, mm ²	16-95	120-185	95-300	240-400
Branch line, mm ²	4-35	6-35	6-35	6-35

MULTITAP/BUS CONNECTORS

APPLICATION:



Technical specification:



MTTc-6



MTTc-12



MTT-4/57



MTT-4/395

Main line, mm ²	185-400	185-400	25-150	95-300
Branch line, mm ²	2-6x4-35	2-12x4-35	4x4-35	4x4-35

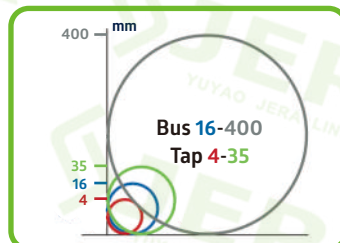
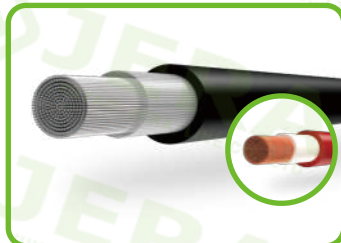


JERA LINE

TAP/BUS HARNESS CONNECTION SYSTEM

TAP/TAP & BUS/BUS CONNECTORS

APPLICATION:



Technical specification:



ICCp-435



ZOP-25B



ZOP-58



ZOP-395

Main line, mm ²	4-35	2.5-35	35-185	95-300
Branch line, mm ²	4-35	1.5-16	35-185	95-300

KEY ADVANTAGES



Insulation piercing technology



DC/AC Voltage: 0.4-2.0



Waterproof performance Ip67



High transmission efficiency
reduced resistance of contact



OVERCURRENT PROTECTION

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

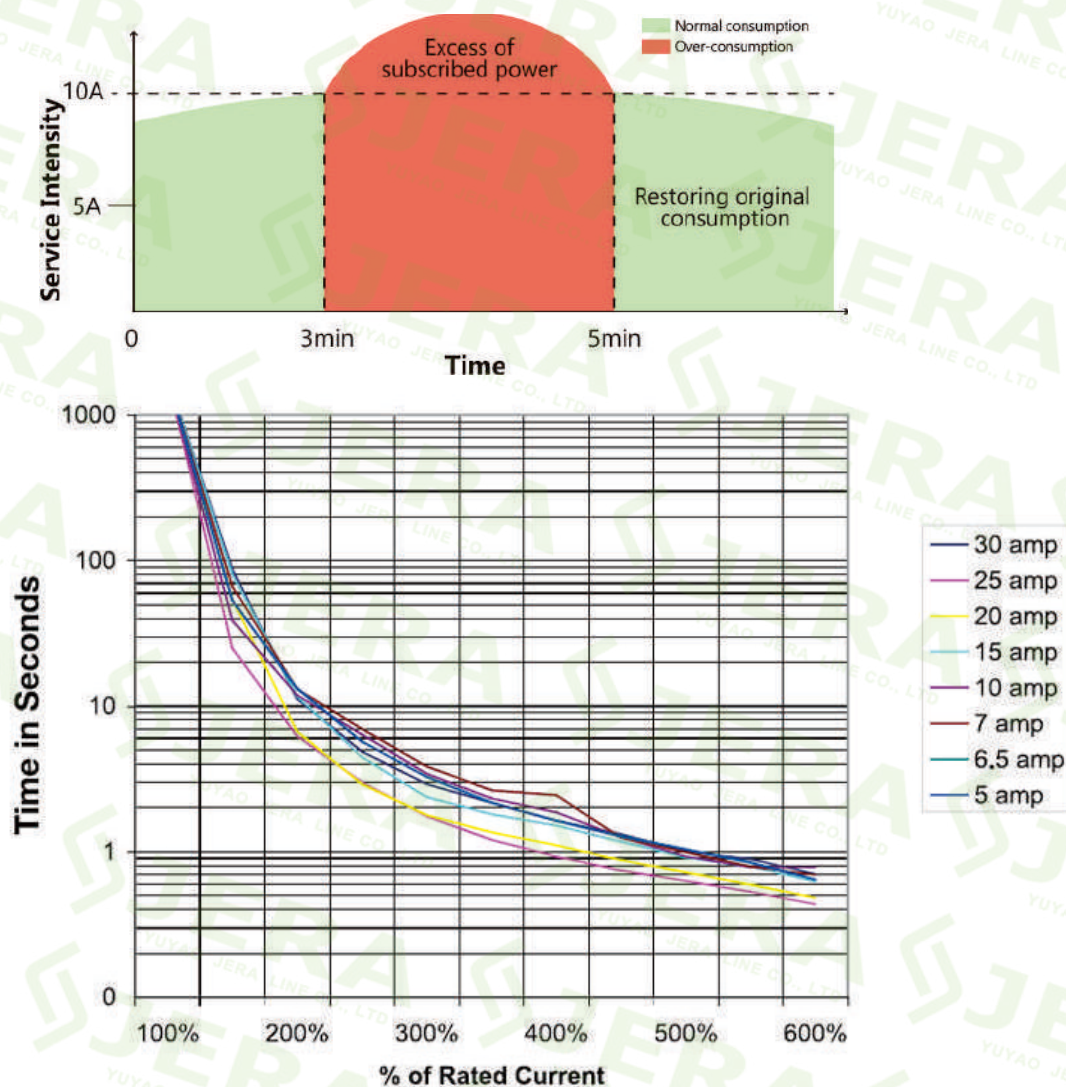


Technical specification

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

Performance diagram

Example of a mini-switch 10A functioning.

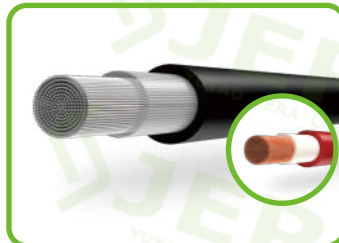
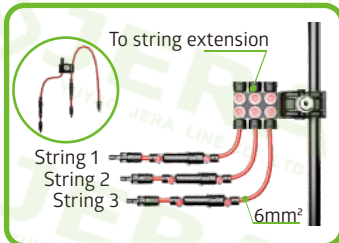




JERA LINE

OVERCURRENT PROTECTION

APPLICATION: BUS/MULTI TAP WITH FUSE LINK TO SOLAR PANEL



FUSE HOLDERS

Technical specification:

Product code	FHp-435-1038	FHp-435-1085	FHp-450-2258
Cable size, mm²	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	AC: 0.4-1.0

KEY ADVANTAGES



Insulation piercing technology



Voltage DC: 0.4-2.0 KV / AC: 0.4-1.0 KV



Outdoor IP68 protection, durable



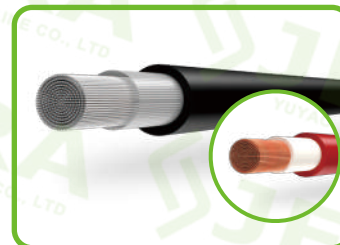
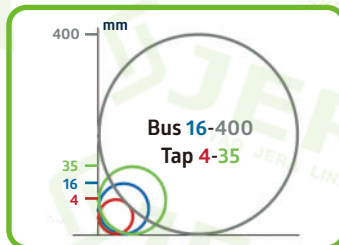
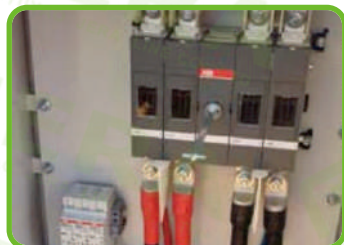
High transmission efficiency
reduced resistance of contact



JERA LINE

CABLE LUGS & JOINTS

APPLICATIONS:



Technical specification:



ICL-16-95



ICL-2-70-240



ICL-2-185-400



JTN-10

Cable size, mm²

16-95

70-240

185-400

KEY ADVANTAGES



For cable termination and connection to PV combiner or to any industrial circuit breaker



Pre-insulated ICL series for cable sizes: 6-400 sqm, up to 2KV



Shearhead bolt torque type, provide excellent electrical contact



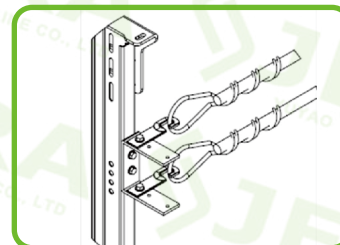
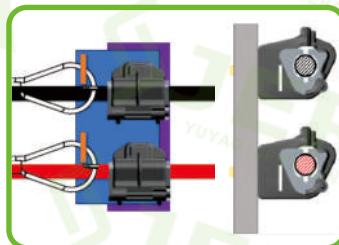
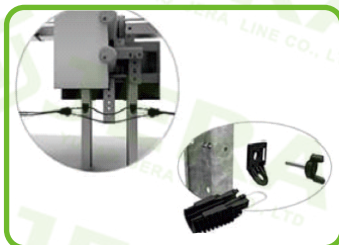
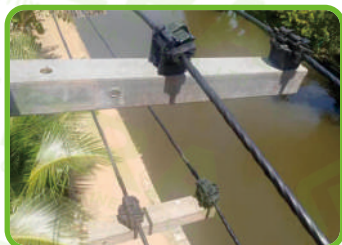
ICL series for 16-400 sqm up to 6 KV



JERA LINE

ANCHORING & SUSPENSION

APPLICATIONS: ANCHORING AND SUSPENSION CLAMPS OF TAP AND BUS PV CABLES



Technical specification:

						
	STD	YK-18	SSM	YK-42x400	Bolt M16x50	Bolt M6
Cable size, sqm	2.5-150		150-300			

Technical specification:

		
	CO 150/185/240/300	Cable tie
Cable size, sqm	150/240/300	10*0.4 800 mm

KEY ADVANTAGES



For PV cables diameters of 2.5-300 sqm (4-20 mm in diameter)



Once piece design of clamps, no falling parts



For anchoring of Tap and BUS cables on the racks with solar panels



Tool free installation

JERA LINE APPROACH IN SOLAR CABLE HARNESS SYSEM

2019

BUS/TAP PIERCING
CONNECTOR 1 WAY



2021

PV CABLE BOLTED
CABLE LUGS & JOINTS



2017

FIRST EN-50483 TYPE TEST REPORT
FIRST TENDER SUPPLY



2024

BUS/MULTITAP
PIERCING CONNECTORS, 2-6 WAYS



COMPANY PROFILE

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

- Off Grid Solar Plants.
- Fiber Optic Cable Networks.

In following catalog we present PV Cable Harness System for Medium & Large Scale Off Grid Solar Plants.



JERA is operating according to ISO9001, all our products meet the criteria of key regional standards, EN50483-4, IEC-61238-1, NFC 33020, UL 94.

Welcome to cooperate, our intention is committed to build reliable, long-term business relationships.

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



JERA LINE

YUYAO JERA LINE CO., LTD



VISIT OUR WEB



WHOLE SOLUTION



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