

JB Jointing Supplies



Products - Consultancy - Installations - Testing - Commissioning



HELPING YOU CONNECT THE FUTURE!

2019.01
Catalogue



insulating plug

Stress cone
(2# #20.5)

Stress cone
(2# #20.5)

REF.

168mm

25mm

110mm

CL

Packing list - UCS-11-240-SE
Screened Separable Connector
185-240mm² Cu/Al - XLPE - 630A

Specification	Quantity
6.35/11kV	1
al-metal	3
	3

CONTENTS

- 1x Installation Manual
- 3x MV Lug 36kV - Bi-metal - 630A
- 3x Earthing Lug 1kV - Bi-metal
- 3x Screened Elbow
- 3x Stress Cone
- 3x Stainless Steel Thread Adapter M16/12
- 4x Complete Threaded Assembly For Earthing
- 3x Insulating Bung
- 1x Dielectric Silicone Paste - 46g
- 1x Dielectric Silicone Paste - 6g
- 1x Phase Colour (Red) - 120mm
- 1x Phase Colour (White) - 120mm
- 1x Phase Colour (Blue) - 120mm
- 3x White Sealing Mastic
- 2x Protective Gloves
- 3x Protective Bag
- 5x Lint Free - Cleaning Pad
- 7x Cable Ties
- 2x Abrasive Tape
- 1x PVC (Black) Tape
- 1x Easy Install Ruler

6.3/11KV - FULLY SCREENED ELBOW

JB-11-240-SE - IEC 60502

6.3/11KV - FULLY SCREENED ELBOW

JB Jointing Supplies / Energex Code:

JB-11-95-SE / N/A
JB-11-150-SE / 20441
JB-11-240-SE / 20420
JB-11-400-SE / 22598
JB-11-630-SE / N/A

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

25 - 70mm² #0 Stress Cone
13.8mm - 17.6mm
95 - 150mm² #1 Stress Cone
19.4mm - 22.4mm
185 - 300mm² #2 Stress Cone
23.6mm - 28.3mm
300 - 500mm² #3 Stress Cone
28.3mm - 34.7mm
400 - 630mm² #4 Stress Cone
31.8mm - 38.4mm



12/22KV - FULLY SCREENED ELBOW

JB Jointing Supplies / Energex Code:

JB-22-95-SE / N/A
JB-22-150-SE / N/A
JB-22-240-SE / N/A
JB-22-400-SE / N/A
JB-22-630-SE / N/A

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

35 - 95mm² #1 Stress Cone
19.1mm - 23.8mm
95 - 185mm² #2 Stress Cone
23.8mm - 27.9mm
185 - 300mm² #3 Stress Cone
27.9mm - 32.6mm
240 - 500mm² #4 Stress Cone
30.8mm - 39.0mm
400 - 630mm² #5 Stress Cone
36.1mm - 42.7mm

19/33KV - FULLY SCREENED ELBOW

JB Jointing Supplies / Energex Code:

JB-33-95-SE / N/A
JB-33-150-SE / N/A
JB-33-240-SE / N/A
JB-33-400-SE / N/A
JB-33-630-SE / N/A

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

50 - 95mm² #2 Stress Cone
25.5mm - 29.0mm
95 - 185mm² #3 Stress Cone
29.0mm - 33.6mm
150 - 300mm² #4 Stress Cone
32.0mm - 38.4mm
240 - 400mm² #5 Stress Cone
36.0mm - 41.3mm
500 - 630mm² #6 Stress Cone
44.2mm - 47.9mm





6.3/11KV - 19/33KV INDOOR TERMINATION

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:
16 - 95mm² / 95 - 240mm² / 185 - 400mm² /
500 - 630mm²

JB Jointing Supplies / Energex Code:

JB-11-95-IN / 20408
JB-11-240-IN / 20455
JB-11-400-IN / 22377
JB-11-630-IN / N/A

JB Jointing Supplies / Energex Code:

JB-22-95-IN / N/A
JB-22-240-IN / N/A
JB-22-400-IN / N/A
JB-22-630-IN / N/A

JB Jointing Supplies / Energex Code:

JB-33-95-IN / N/A
JB-33-240-IN / N/A
JB-33-400-IN / N/A
JB-33-630-IN / N/A

6.3/11KV - 19/33KV OUTDOOR TERM

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:
16 - 95mm² / 95 - 240mm² / 185 - 400mm² /
500 - 630mm²

JB Jointing Supplies / Energex Code:

JB-11-95-OD / N/A
JB-11-240-OD / 20456
JB-11-400-OD / 22378
JB-11-630-OD / N/A

JB Jointing Supplies / Energex Code:

JB-22-95-OD / N/A
JB-22-240-OD / N/A
JB-22-400-OD / N/A
JB-22-630-OD / N/A

JB Jointing Supplies / Energex Code:

JB-33-95-OD / N/A
JB-33-240-OD / N/A
JB-33-400-OD / N/A
JB-33-630-OD / N/A



**JB JOINTING
SUPPLIES**

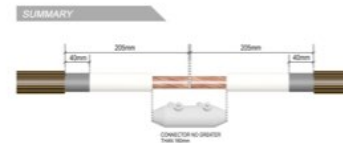
CONTRACT
TECHNICAL ENGINEER
0755634330

ENERGEX APPROVED
J.Lanley - Date 08.01.2016

6.3 / 11 KV
630A
16 - 400mm² Cu / Al

SINGLE CORE - SINGLE CORE STRAIGHT JOINT

TERMINATION GUIDE



V7 281017

6.3/11KV - 19/33KV TRIPLEX - TRIPLEX

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:
16 - 95mm² / 95 - 240mm² / 185 - 400mm²

JB Jointing Supplies / Energex Code:

JB-11-95-TJ / N/A
JB-11-240-TJ / 20383
JB-11-400-TJ / 22376

JB Jointing Supplies / Energex Code:

JB-22-95-TJ / N/A
JB-22-240-TJ / N/A
JB-22-400-TJ / N/A

JB Jointing Supplies / Energex Code:

JB-33-95-TJ / N/A
JB-33-240-TJ / N/A
JB-33-400-TJ / N/A

HS - UM - 004

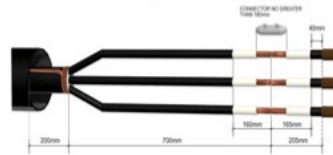
JB JOINTING SUPPLIES

CONTACT
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JOINTING@JB.COM.AU

ENERGEX APPROVED
2 Lifetime - Date 28.01.2016

6.3 / 11 KV
630A
16 - 400mm² Cu / Al
THREE CORE - SINGLE CORE STRAIGHT JOINT
TERMINATION GUIDE

SUMMARY



VS 281017

6.3/11KV - 19/33KV THREE CORE - TRIPLEX

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

16 - 95mm² / 95 - 240mm² / 185 - 400mm²

JB Jointing Supplies / *Energex Code:*

JB-11-95-3C/1C-J / N/A

JB-11-240-3C/1C-J / 20389

JB-11-400-3C/1C-J / 22426

JB Jointing Supplies / *Energex Code:*

JB-22-95-3C/1C-J / N/A

JB-22-240-3C/1C-J / N/A

JB-22-400-3C/1C-J / N/A

JB Jointing Supplies / *Energex Code:*

JB-33-95-3C/1C-J / N/A

JB-33-240-3C/1C-J / N/A

JB-33-400-3C/1C-J / N/A

6.3/11KV - 19/33KV

3 CORE - 3 CORE

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

16 - 95mm² / 95 - 240mm² / 185 - 400mm²

JB Jointing Supplies / *Energex Code:*

JB-11-95-3C/3C-J / N/A

JB-11-240-3C/3C-J / 19276

JB-11-400-3C/3C-J / N/A

JB Jointing Supplies / *Energex Code:*

JB-22-95-3C/3C-J / N/A

JB-22-240-3C/3C-J / N/A

JB-22-400-3C/3C-J / N/A

JB Jointing Supplies / *Energex Code:*

JB-33-95-3C/3C-J / N/A

JB-33-240-3C/3C-J / N/A

JB-33-400-3C/3C-J / N/A

HS - UM - 005

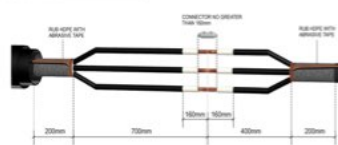
JB JOINTING SUPPLIES

CONTACT
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JOINTING@JB.COM.AU

ENERGEX APPROVED
2 Lifetime - Date 28.01.2016

6.3 / 11 KV
630A
16 - 400mm² Cu / Al
THREE CORE - THREE CORE STRAIGHT JOINT
TERMINATION GUIDE

SUMMARY



VS 281017



6.3/11KV & 19/33KV TERMITE PROTECTION

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

JB Jointing Supplies / *Energex Code:*

JB-11-TPK / N/A

JB-33-TPK / N/A



0.6/1KV - 6.3/11KV PAPER LEAD SINGLE WIRE ARMOUR

1 CORE / 3 CORE / 4 CORE

Size Range:

16 - 50mm² / 70 - 150mm² / 185 - 300mm²

JB Jointing Supplies / *Energex Code:*

JB-11-PLY-4-S / N/A

JB-11-PLY-4-M / N/A

JB-11-PLY-4-L / N/A

JB Jointing Supplies / *Energex Code:*

JB-11-PLY-1-S / N/A

JB-11-PLY-1-M / N/A

JB-11-PLY-1-L / N/A

JB Jointing Supplies / *Energex Code:*

JB-11-PLY-3-S / N/A

JB-11-PLY-3-M / N/A

JB-11-PLY-3-L / N/A

0.6/1KV LV FOUR CORE

Size Range:

16 - 50mm² / 16 - 95mm² / 95 - 240mm² /
185 - 400mm²

JB Jointing Supplies / *Energex Code:*

JB-1-4C/1C-S / N/A

JB-1-4C/1C-M / N/A

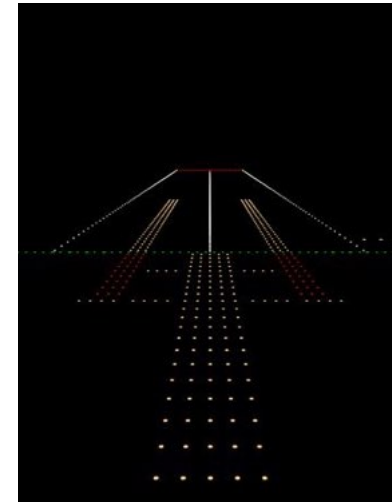
JB-1-4C/1C-L / N/A

JB Jointing Supplies / *Energex Code:*

JB-1-4C/4C-S / N/A

JB-1-4C/4C-M / N/A

JB-1-4C/4C-L / N/A



≤3KV DC CIRCUITS RUNWAY LIGHTING KITS

Heavy wall cross-linked polyolefin
Thermal melt adhesive liner
High resistance to abrasion and impact
Operating temperature -55 ~ 105°C
Shrink temperature 135°C
Shrink ratio 3:1
Halogen free

Size Range:

3-7mm

4-10mm

5-14mm

6-26mm

12-33mm

13-43mm

16-53mm

JB Jointing Supplies / *Energex Code:*

JB-2-RUNWAY-7 / N/A

JB-2-RUNWAY-10 / N/A

JB-2-RUNWAY-14 / N/A

JB-2-RUNWAY-26 / N/A

JB-2-RUNWAY-33 / N/A

JB-2-RUNWAY-43 / N/A

JB-2-RUNWAY-53 / N/A



1KV - 36KV CONNECTORS

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

16 - 95mm² / 95 - 240mm² / 120 - 400mm²

Earth Connector - 10-70mm²

JB Jointing Supplies / Energex Code:

JB-MV-CON-95 / N/A

JB-MV-CON-240 / N/A

JB-MV-CON-400 / N/A

JB Jointing Supplies / Energex Code:

JB-E-CON-70 / N/A

1KV - 36KV

LUGS

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

36KV - Size Range:

16 - 95mm² / 95 - 240mm² / 120 - 400mm² /
500 - 630mm²

1KV - Size Range:

10 - 70mm² / 25 - 95mm² / 35 - 120mm² /
16 - 150mm²

JB Jointing Supplies / Energex Code:

JB-MV-LUG-95 / 22847

JB-MV-LUG-240 / 23929

JB-MV-LUG-400 / 23926

JB-MV-LUG-630 / N/A

JB Jointing Supplies / Energex Code:

JB-E-LUG-70 / N/A

JB-E-LUG-95 / N/A

JB-E-LUG-120 / N/A

JB-E-LUG-150 / N/A



36KV

CENTRAL PALM FACE LUGS

Suitable For: Copper (Cu)/ Aluminium (Al)
Conductors

Suitable For: Cross-linked polyethylene
insulation (XLPE) insulated cables & Ethylene
propylene rubber (EPR) insulated cables

Size Range:

25 - 95mm² / 16 - 150mm² / 95 - 240mm² /
185 - 400mm² / 500 - 630mm²

JB Jointing Supplies / Energex Code:

JB-MV-C-LUG-95 / N/A

JB-MV-C-LUG-150 / N/A

JB-MV-C-LUG-240 / N/A

JB-MV-C-LUG-400 / N/A

JB-MV-C-LUG-630 / N/A



MWTM - 20M ROLL

Medium wall cross-linked polyolefin
Thermal melt adhesive liner
Flexible tubing for EPR cable protect
Halogen free
RoHS compliant
Operating temperatures -55 ~ 105°C
Shrink temperature 105°C
Shrink ratio 3:1

Size Range:
28/6
35/12
55/16
65/19

JB Jointing Supplies / *Energex Code:*
JB-MWTM-28 / N/A
JB-MWTM-35 / N/A
JB-MWTM-55 / N/A
JB-MWTM-65 / N/A

STRAIGHT BOOT CONNECTOR (SBC)

Size Range:
16 - 185mm² / 185 - 400mm²

JB Jointing Supplies / *Energex Code:*
JB-SBC-S / 21511 / 22538
JB-SBC-L / 18736 / 21319



STAINLESS STEEL CLAMPS

Horizontal

IEC 61914

M12 x 2 Bolt Clearance

Suitable For: 30 - 125mm OD

40pcs

JB Jointing Supplies / *Energex Code:*
JB-SSS / 15337



RAIN SHEDS

Cross-Linked polyolefin
 Non-tracking rain shed
 Mastic applied to collars
 UV and weather resistance
 Operating temperature -55 ~ 105°C
 Shrink temperature 110°C
 Voltage class 6 ~ 36kV

Size Range:

30/14
 45/19
 50/19
 60/23
 75/30

JB Jointing Supplies / Energex Code:

JB-RS-30 / N/A
 JB-RS-45 / N/A
 JB-RS-50 / N/A
 JB-RS-60 / N/A
 JB-RS-75 / N/A

GLANDS HEAT SHRINK

Three-part assembly: rigid plastic nut, elastomeric O-ring and heat shrinkable folded part. The rigid plastic nut is applied to protect the entering cable from abrasion or cut-through when inserted through the cabinet wall. The folded part is preheated with thermoplastic adhesive that seals around the entering cable.

Size Range:

16 - 40mm / 35 - 70mm

JB Jointing Supplies / Energex Code:

JB-GLAND-40 / N/A
 JB-GLAND-70 / 21210



EARTH - HEAT SHRINK

Cross-linked polyolefin
 Co-extrusion of green/yellow striped colour
 Flame retardant
 Excellent flexibility
 Tube with adhesive dinner available
 Operating temperatures -40 ~ 125°C
 Shrink temperature 125°C
 Shrink ratio 2:1 & 3:1
 Voltage Class: 1000V
 RoHS compliant

SOLD PER METER

Size Range:

10/5
 16/8
 20/10
 30/15

JB Jointing Supplies / Energex Code:

JB-Y/G-10 / N/A
 JB-Y/G-16 / N/A
 JB-Y/G-20 / N/A
 JB-Y/G-30 / N/A



15KV BUS TAPE - 5M ROLL

Cross-linked polyolefin outer layer
Pre-coated adhesive inner layer
Conforms to irregular shaped objects
Protect against accidental flashover
Reduces bus bar clearance requirement
Compatible with most other insulation materials

Operating temperature -40 ~ 105°C
Shrink temperature 125°C
Voltage class: 36kV (when Over Lapped)
Flame retardant
RoHS compliant

JB Jointing Supplies / Energex Code:
JB-RBT-5M / N/A

END CAPS

Cross-linked polyolefin
Spiral adhesive liner
Excellent chemical and solvent resistance
Compatible with lead cables and PE jacketed cables
Not applicable to gas-filled air-tight cable
Operating temperature -55 - 105
Shrink temperature 110
Shrink Ratio 2:1

Size Range:
19/6
35/12
45/15
55/25
75/35
100/50

JB Jointing Supplies / Energex Code:

JB-EC-19 / N/A
JB-EC-35 / 6613
JB-EC-45 / 23732
JB-EC-55 / 6614
JB-EC-75 / 6615
JB-EC-100 / N/A



0.6/1KV CRIMP LUGS

Size Range:
240mm²

JB Jointing Supplies / Energex Code:
JB-CRIMP-240 / N/A



PORCELAIN FOR GATIC PITS

Size Range:
SMALL / LARGE

JB Jointing Supplies / *Energex Code:*
JB-P-S / N/A
JB-P-L / 4559

DIELECTRIC CLEANING TISSUE

JB Jointing Supplies / *Energex Code:*
JB-DCT / N/A



THREAD ADAPTORS & TESTING PINS

Size Range:
Stainless Steel M16/12
Brass M16/12

JB Jointing Supplies / *Energex Code:*
JB-SS-16-12 / N/A
JB-B-16-12 / 19720



BLACK PVC TAPE

JB Jointing Supplies / *Energex Code:*
JB-PVC-/ 10551

OUTER RESIN TUBING

Heavy wall cross-linked polyolefin
Thermal melt adhesive liner
High resistance to abrasion and impact
Operating temperature -55-105
Shrink temperature 135
Shrink ratio 3:1
Halogen free

Size Range:
CALL FOR A QUOTE



CONSTANT FORCE SPRINGS

Size Range:
CALL FOR A QUOTE



SPECIALTY FASTENERS

4x Hexagon Screw
4x Hexagon Nut
4x Flat Washer
4x Spring Lock Washer

Size Range:
M12

JB Jointing Supplies / Energex Code:
JB-HS-12 / 412
JB-HN-12 / 622
JB-FW-12 / 1053
JB-SW-12 / 1081

JB Jointing Supplies / Energex Code:
JB-SCREW-SET-4 / N/A



TERMINATION BOOT CONNECTOR (TBC)

Size Range:
16 - 240mm² / 185 - 400mm²

JB Jointing Supplies / Energex Code:
JB-TBC-S / N/A
JB-TBC-L / N/A



3 & 4 FINGER GLOVES

Moulded heat shrinkable cable breakout boot
Insulation, protection and sealing

Life expectancy of 20 years at -55 ~ 105°C

Spiral adhesive
Flame retardant

Operating temperatures -55 ~ 105°C

Shrink temperature 120 ~ 140°C

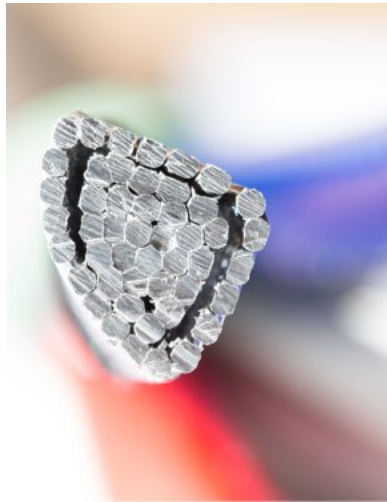
Shrink ratio ≥ 2:1
Voltage Class: 1000V

3 FG - Size Range:
16 - 95mm² / 95 - 240mm² / 185 - 400mm²

4 FG - Size Range:
16 - 50mm² / 16 - 95mm² / 95 - 240mm²

JB Jointing Supplies / Energex Code:
JB-3FG-95 / N/A
JB-3FG-240 / N/A
JB-3FG-400 / N/A

JB Jointing Supplies / Energex Code:
JB-4FG-50 / 2390
JB-4FG-95 / 6731
JB-4FG-240 / 6732



RETICULATION CABLES

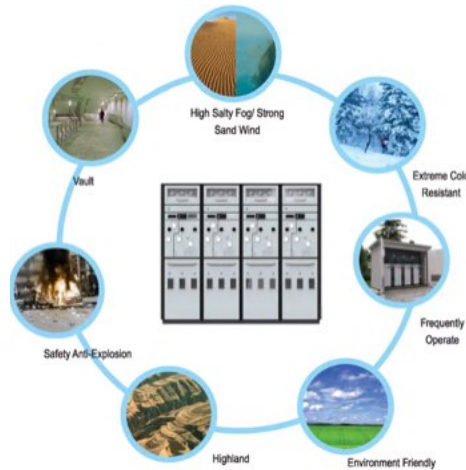
Size Range:

- 0.6/1kV - Four Core - Cu - 16mm²
- 0.6/1kV - Four Core - Al - 240mm²
- 6.3/11kV - Triplex - Al - 240mm²
- 6.3/11kV - Triplex - Al - 400mm²

CALL FOR A QUOTE

RING MAIN UNITS

CALL FOR A QUOTE



REPAIR SLEEVES

- Semi-rigid out layer, adhesive lined, moisture-proof
- Emergency cable repair and sealing system
- Abrasion and corrosion resistant
- Steel channel enables permanent closure system
- Quickly fitted in breakage, insulating and airtight repair
- Operating temperature -25 - 90
- Shrink temperature 135
- Halogen free
- RoHS compliant

Size Range:

- 100/30
- 185/55

JB Jointing Supplies / *Energex Code:*

- JB-R1-100 / N/A
- JB-R1-185 / N/A

JB Jointing Supplies Pty Ltd. Head Office, Brisbane, Australia. Location: U6/54 Nealdon Dr, Meadowbrook, QLD, 4131.

