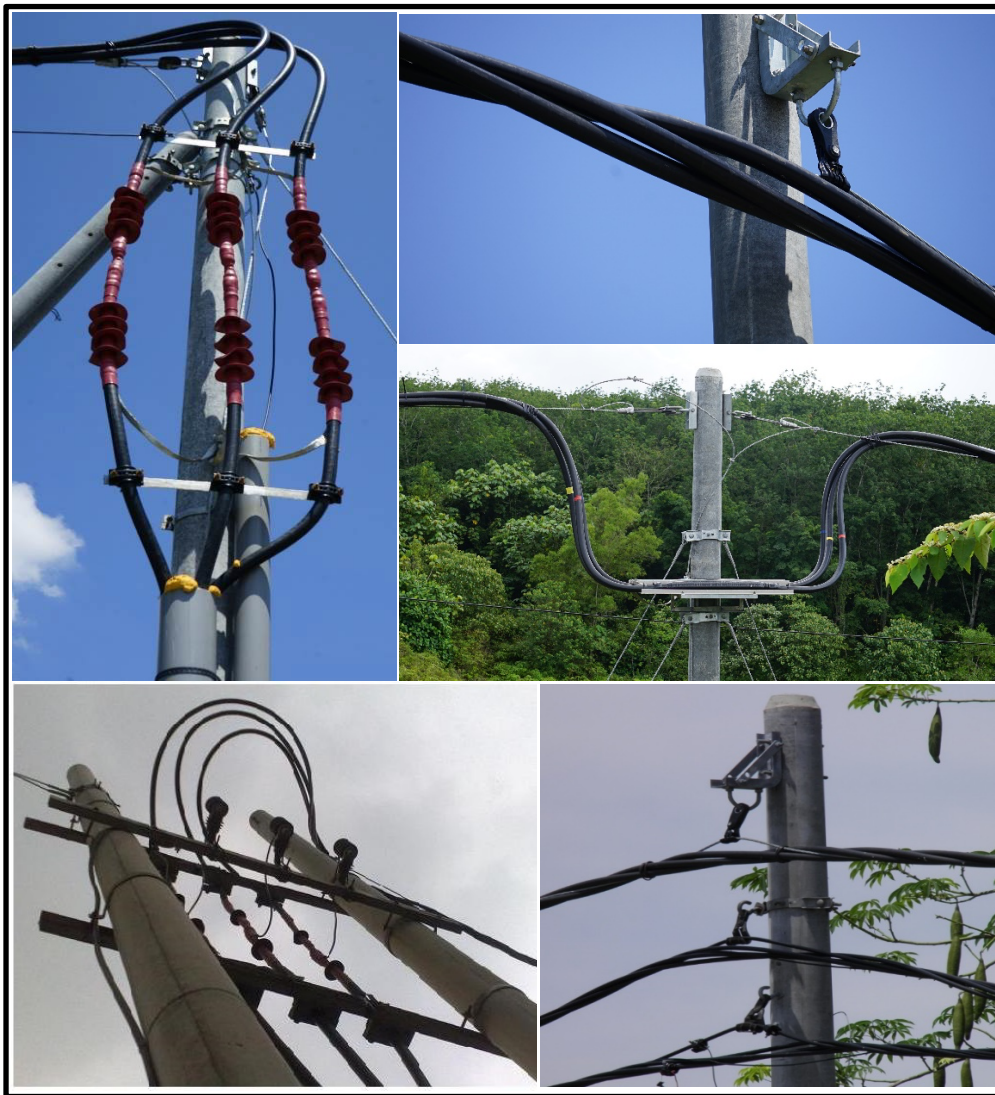


ABC ACCESSORIES



Tab 15

HDG Lighting Arm Bracket

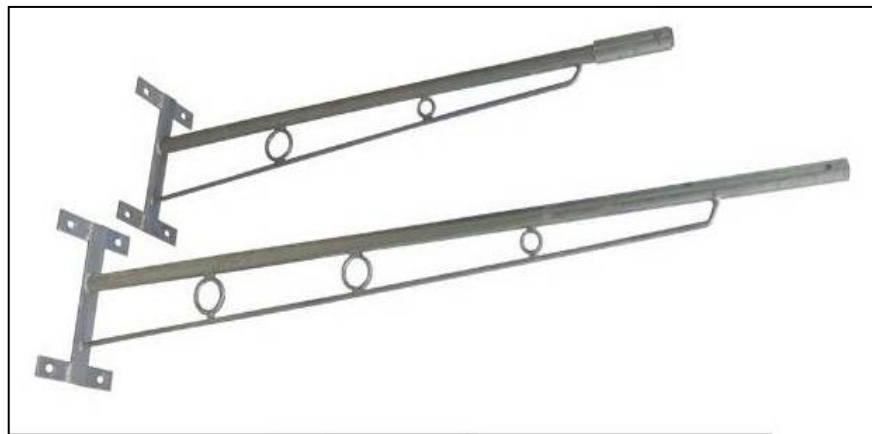
Item Code	Sizes
DSSB-ABC-LAB-1M	1M
DSSB-ABC-LAB-1.2M	1.2M
DSSB-ABC-LAB-1.5M	1.5M

*other sizes please send / call for enquiry

Description

Used as an accessory in the street lighting lantern assembly.

Suitable for outdoor use with maximum of 30°C temperature of 40°C and a mean annual temperature with heavy rainfall and high humidity of 100%.



POLE ACCESSORIES

STAY BOW c/w THIMBLE

Item Code	for Stay Rod Size
DSSB-ABC-SBT5.8	5/8"
DSSB-ABC-SBT3.4	3/4"

Description

An accessory for HV ABC stay wire and GRADE 700 SWG 7/8 stay wire installations suitable for 2500mm x 19mm stay rod able to withstand a minimum breaking load of 31kN

Suitable for outdoor use with humidity of 100%



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HDG STAY ROD c/w Nut

Code	Size
DSSB-ABC-SR5.8	5/8" x 6'
DSSB-ABC-SR3.4	3/4" x 8'

Description

For use as accessory for HV ABC stay wire installations

Able to withstand a minimum breaking load of 31kN

Suitable for outdoor use with humidity of 100%, isoceraunic level of 200 thunder-days per annum heavy rainfall, temperature of 28°C to 45°C & average



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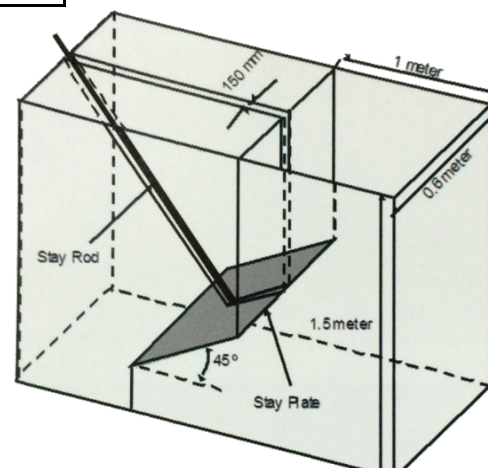
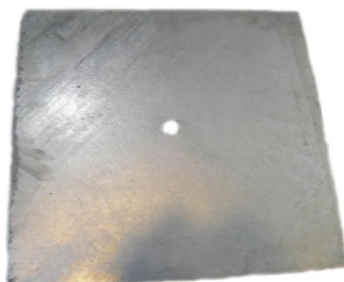
STAY PLATE

Item Code	Size (mm)
DSSB-ABC-SP5.8	450 x 450 x 6 x 17 hole dia.
DSSB-ABC-SP3.4	450 x 450 x 6 x 20 hole dia.

Description

For use as an accessory for HV ABC stay wire installations.

Able to withstand a minimum breaking load of 31kN.



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POLE ACCESSORIES

STAY WIRE

Item Code	BS Units	Metric Unit
DSSB-ABC-SW7/8	7/8	7/4
DSSB-ABC-SW7/10	7/10	7/3.25
DSSB-ABC-SW7/12	7/12	7/2.65
DSSB-ABC-SW7/14	7/14	7/2.0

Description

It is hot dip galvanized stay strand for telegraph & telephone poles, transmission lines poles, signal poles, railway track signals.

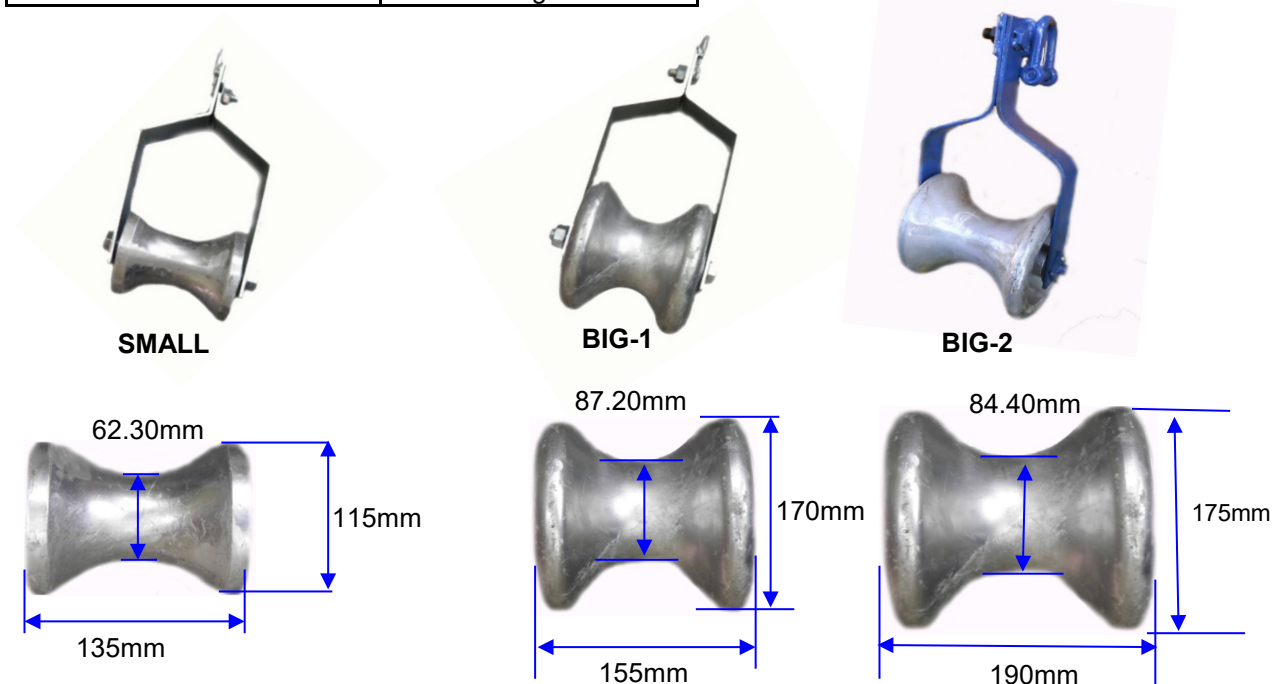
The wire is cold drawn from steel and coated with zinc, the finish strand and the individual wires having uniform quality and have the properties and product characteristics as specified in technical specification.



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ABC CABLE ROLLER

Item Code	Size
DSSB-CLA-CRLL-HNG6	Small
DSSB-CLA-CRLL-HNG8	Big-1
DSSB-CLA-CRLL-HNGB2	Big-2



Description

Used for lying ABC or Fibre optic Cables by hanging on triangle brackets.

Easy mounting & dismantling features.

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HV ABC POLE ACCESSORIES

HV SUSPENSION CLAMP

Item Code
DSSB-ABC-HVSC33KV

Description

Used as an accessory for MV ABC system and suitably to hold and suspend the 11kV and 33kV MV ABC by using the 50mm² galvanized stranded messenger steel wire to support the MV ABC on to 10m-19-5kN

Spun concrete poles via MV triangular brackets (single or double). Capable of withstanding a minimum breaking load of 20kN or 2039kg force for 60 seconds.



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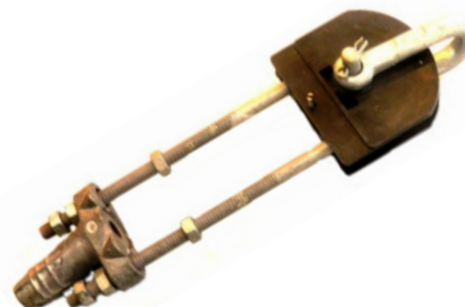
HV DEAD END CLAMP

Item Code
DSSB-ABC-HVDECHDG33kV

Description

To anchor two (2) hv dead-end clamps on 10m-19-5kN spun concrete distribution or section poles or terminated poles.

Capable of withstanding a minimum breaking load of 62kN for 1 minute or 31kN per circuit for 1 minute.



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ABC ACCESSORIES - HV

HV ABC POLE ACCESSORIES

HV DEAD END CLAMP BRACKET

Item Code
DSSB-ABC/HV/DECB-S
DSSB-ABC/HV/DECB-D

Description

To anchor one (1) MV Dead-End Clamps on 10m-19-5kN spun concrete distribution or section poles and terminal poles.

To anchor one (1) MV Dead-End Clamps on 10m-19-5kN angle poles
Hole to hole = 140mm \pm 5%

Capable of withstanding a minimum breaking load of 31kN per circuit for 1 minute



A) SINGLE



B) DOUBLE



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HV TRIANGULAR BRACKET c/w Bolt/Nut/Washer

Item Code
DSSB-ABC-HVTBK

Description

To hang the HV Insulated Suspension Clamp in the 11kV and 33kV insulated Aerial Bundled Cable System (ABC).

Hole to hole = 140mm \pm 5%

Suitable for outdoor use with temperature of 40°C and a mean annual temperature of 30°C with heavy rainfall and high humidity



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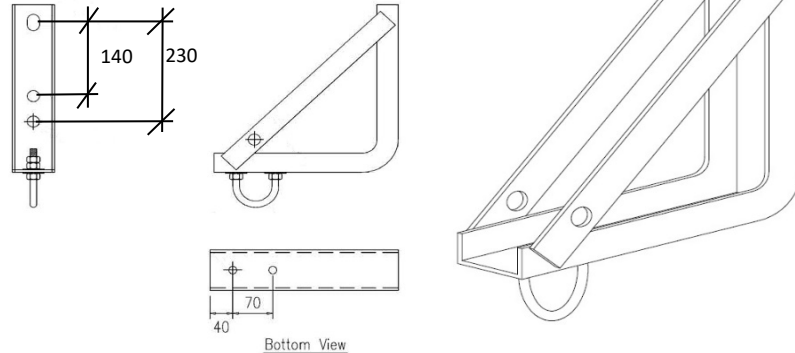
ABC ACCESSORIES - HV

HV ABC POLE ACCESSORIES

HV TRIANGULAR BRACKET (SARAWAK)

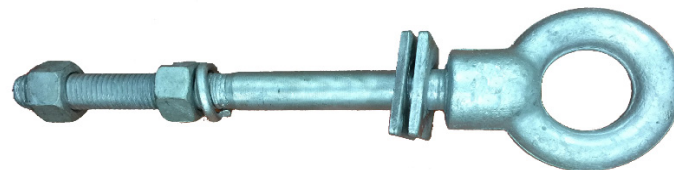
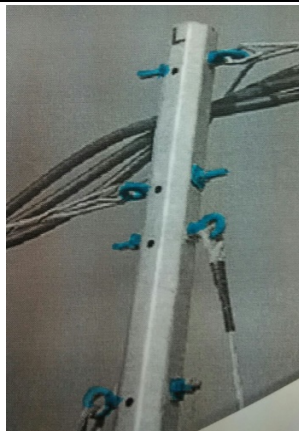
Item Code
DSSB-ABC-HVTBK-SARAWAK

Hole to hole = 140mm \pm 5%
Hole to hole = 230mm \pm 5%

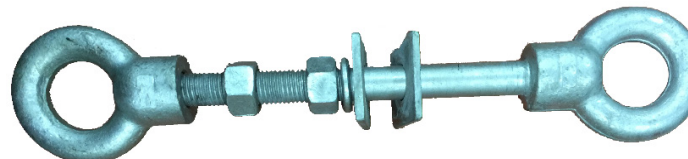


HV EYE BOLT

Item Code
DSSB-ABC-SEBM20
DSSB-ABC-DEBM20



Single Eye Bolt



Double Eye Bolt

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HV INSULATOR

Item Code
DSSB-ABC-SI906

Description

Used to isolate stay wire from live wire of the ABC HV/LV system



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ABC ACCESSORIES - HV

HV ABC POLE ACCESSORIES

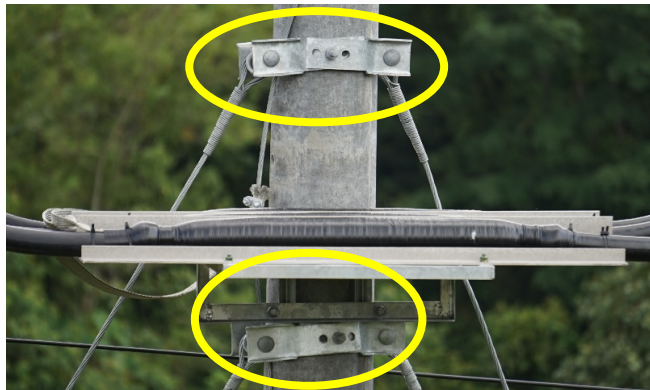
HV UNIVERSAL BAND

Item Code	Application Range
DSSB-ABC-BUSP10M	Dia. 190mm - 215mm

Description

Used to clamp the stay assembly onto spun concrete pole in HV overhead line system

Suitable for outdoor use with maximum temperature of 40°C and high humidity of 100% and a mean annual temperature of 30°C with heavy rainfall.
Suitable for 10m pole.



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HV CABLE JOINT TRAY

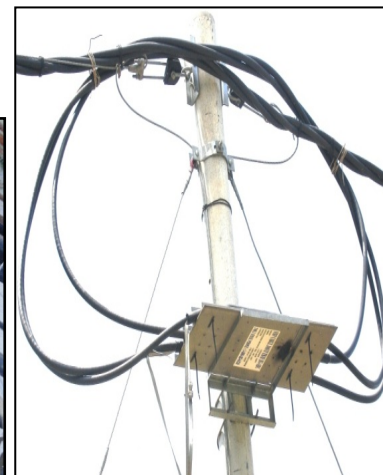
Item Code
DSSB-ABC-HVCJT

Description

As an accessory for MV ABC System and suitable designed to hold and support the 11kV AND 33kV ABC Straight Through Joints on 10M-19-5kN spun concrete poles.

Capable of withstanding a minimum load of 100 kg

Optional : Cable Cleats



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ABC ACCESSORIES - HV

Cable Tie for ABC

Item Code	Dimensions	
	A	B
DSSB-ABC-TIE360152	15mm	360mm

Technical Specification : DSSB-ABC-TIE360152

Material : Weather and UV-Resistant Nylon 6.6

Color : Black

Length : 360mm

Width : 15mm

Locking Type : Locking Non-releasable

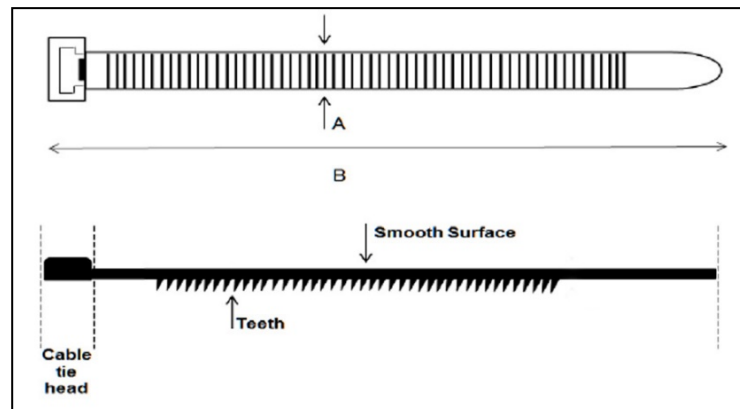
Minimum Loop Strength : 300N

Minimum Tensile Strength : 300 N

Resistance to chemical agents : Good resistance to bases, oils, grease, petrochemical compounds

Tests

The Cable Tie is extensively tested according to Tensile Strength Test and Loop Tensile Test.



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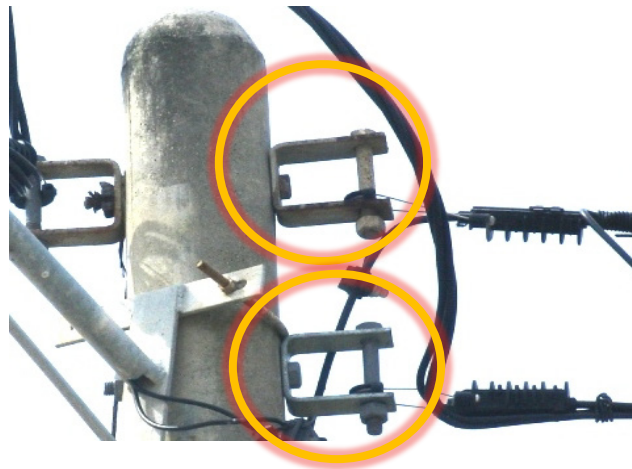
LV ABC POLE ACCESSORIES

LV D-BRACKET

Item Code	Type
DSSB-ABC-DBKHGDG-KL	Standard
DSSB-ABC-DBKHGDG-S	Sabah

Description

Hang or suspend aerial bundle cable accessories such as suspension clamp and dead end clamp



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LV DEAD END CLAMP

Item Code	Conductor Sizes
DSSB-ABC-DEC25	16mm ² ~ 25mm ²
DSSB-ABC-DEC70	70mm ²
DSSB-ABC-DEC120	120mm ²

Description

Assembly is designed for supporting insulated Aerial Bundle Cable (ABC) of the LV Distribution System at terminal section and at acute angle poles.

The whole assembly has no loose parts and it does not require special tool to install.



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ABC ACCESSORIES - LV

LV ABC POLE ACCESSORIES

SUSPENSION HOOK (J HOOK)

Item Code
DSSB-ABC-LVSH

Description

To hang or suspend aerial bundle cable accessories such as suspension clamp and dead end clamp



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LV SUSPENSION CLAMP

Item Code
DSSB-ABC-SC25-120



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LV UNIVERSAL BAND

Item Code	Application Range (Dia.)
DSSB-ABC-BUSP7.5/9M	120mm - 215mm

Description

Used as the clamp for the spun / tension pole where staywire is tie to it.

Available for 2 sizes: 7.5m pole & 9m/10m pole



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ABC ACCESSORIES - LV

LV ABC POLE ACCESSORIES

INSULATED PIERCING CONNECTOR (LV)

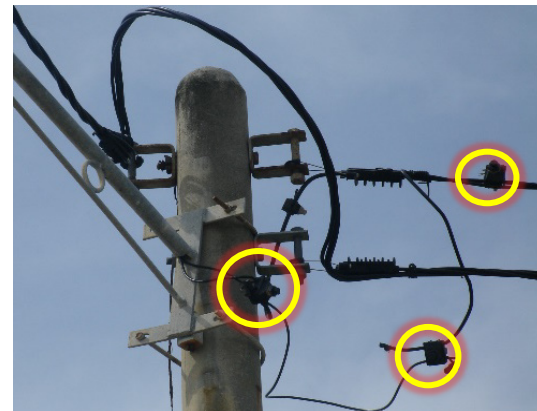
Item Code	ITEM	Conductor Sizes		Shear Torque	
		Main mm ²	Branch mm ²	Main mm ²	Branch mm ²
DSSB-ABC-IPC1M95-16	IPC1	95 - 16	25 - 16	15	19
DSSB-ABC-IPC2M95-70	IPC2	95 - 70	95 - 70	15	19
DSSB-ABC-IPC3M185-120*	IPC3	185 - 120	185 - 70	23	28
DSSB-ABC-IPC4M185-120/25-10	IPC4	185 - 120	25 - 16	23	28
DSSB-ABC-IPC6M16-70	IPC6	70 - 16	6 - 1.5	15	19
DSSB-ABC-IPC7M70-185	IPC7	185 - 70	6 - 1.5	15	19
DSSB-ABC-IPC8M70-95	IPC8	95 - 70	35 - 6	15	19
DSSB-ABC-IPC8AM120-185	IPC8A	185 - 120	35 - 6	15	19
DSSB-ABC-IPC3.1M16-95	IPC3.1	95-16	35-2.5	-	-
DSSB-ABC-IPC3.2M16-95	IPC3.2	95-16	95 - 25	-	-
DSSB-ABC-IPC3.3M95-185	IPC3.3	185 - 95	35 - 6	-	-
DSSB-ABC-IPC3.4M35-185	IPC3.4	185 - 35	185-35	-	-

* double bolt

ITEM	Purpose/to connect	
	From.. Line	To.. line
IPC1	Sub main & serv.	Services
IPC2	Sub main	Sub main
IPC3	Main	Main / Sub main
IPC4	Main	Services
IPC6	Street lighting	
IPC7	Street lighting	
IPC8	Sub main	Pole fuse / St.light
IPC3.1	Sub Main	Services / Light
IPC3.2	Sub Main	Services
IPC3.3	Main	Submain / Services
IPC3.4	Main	Main / Submain



Product Description	Materials
Body IPC	Thermoplastic
Bolt M8 / M10	Steel
Overtorque Shear Head	Steel
Flat Washer M10	Steel
Insulation	Thermoplastic
Piercing Teeth	Brass
End Cap	Thermoplastic



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ABC ACCESSORIES - LV

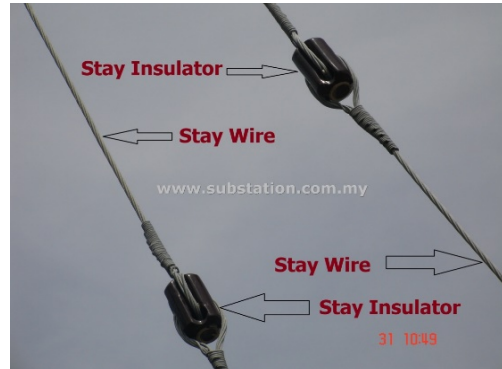
LV ABC POLE ACCESSORIES

LV INSULATOR

Item Code
DSSB-ABC-SI905

Description

Used to isolate stay wire from live wire of the ABC HV/LV system



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PORCELAIN SHACKLE INSULATOR

Item Code
DSSB-ABC-CBC-407

Product Application:

Shackle Insulators are used in low voltage distribution lines. They are also known as spool insulators. Shackle Insulators are used at the end of distribution lines or at sharp turns where there is excessive tensile load on the lines. These insulators can be mounted either in the vertical or horizontal position.

Product Description:

Material : Porcelain

Colour : Dark Brown

Application : Low Voltage (LV)

Size : 76 mm (Dia.) x 65mm (width)



ABC TUBE DEAD END

Item Code	Product Name	Size
DSSB-ABC-TDE1-4	Tube Dead End 1 & 4	16-25mm ²
DSSB-ABC-TDE2	Tube Dead End 2	95-70mm ²
DSSB-ABC-TDE3	Tube Dead End 3	180-120mm ²



ABC ACCESSORIES - LV

LV ABC POLE ACCESSORIES

LOW VOLTAGE FUSE SWITCH DISCONNECTOR 160A

Item Code
DSSB-ABC-TPM-NS160

Special Features

Outdoor Installation
Compact Design
Easy Installation
Easy to remove and insert fuse

Application

Protection and Isolation

- ↳ Protection of consumer services
- ↳ Protection between bare conductors and insulated overhead cables or underground cables.
- ↳ Connection and disconnection of network section
- ↳ Connection of overhead to underground cables

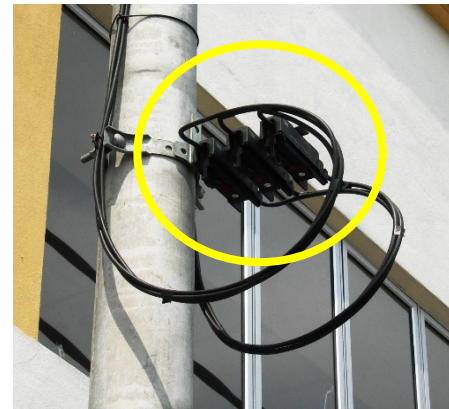


Low Voltage fuse Switch Disconnecter 160A can be mounted for single, double and triple phase via an L-bracket or a steel strap which can be used to mount it individually on pole.

Test

The fuse switch disconnecter has been extensively tested according to IEC 947-1: 1996, IEC 60947-3: 1998, IEC 60947-3: 2001-2005, IEC 68-2-5:1975 and IEC 68-2-9:1975

Rating	Value
Rated Operational Voltage (V)	415V
Rated Insulation Voltage (V)	1000V
Rated Frequency (Hz)	50Hz
Rated Operational Current (A)	160A
Rated Short Time Withstand Current (kA)	5kA, 1s
Rated Impulse Withstand Voltage (kV)	15kV
Rated Short Circuit Making Capacity (kA)	1.2kA
Rated Breaking Current at 0.65pF	480A
Termination slot	16mm to 95mm
Size	Length:189mm Width:54mm



ABC ACCESSORIES - LV

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LV ABC POLE ACCESSORIES

LOW VOLTAGE CUT OUT FUSE SWITCH DISCONNECTOR 100A

Item Code
DSSB-ABC-TPM-CO100

Special Features

Compact Design
 Easy Installation
 IP 20 Protection
 Promote visual check fuse indicator.
 Galvanic corrosion resistance.

Application

Protection and Isolation
 ↳Protection of consumer services.
 ↳Connection or termination of electricity supply to consumer

Low Voltage Cut Out Fuse Switch Disconnecter 100A can be mounted on the meter board for *single- ,double- or three-phase* connection.

Tests

The Low Voltage Cut-Out Fuse Switch Disconnecter 100A has been extensively tested according to IEC 60947-1:2004, IEC 60947-3:2005, IEC 60269-1:2006, IEC 60269-2-1:2002, IEC 60068-2-5 and IEC 60068-2-30

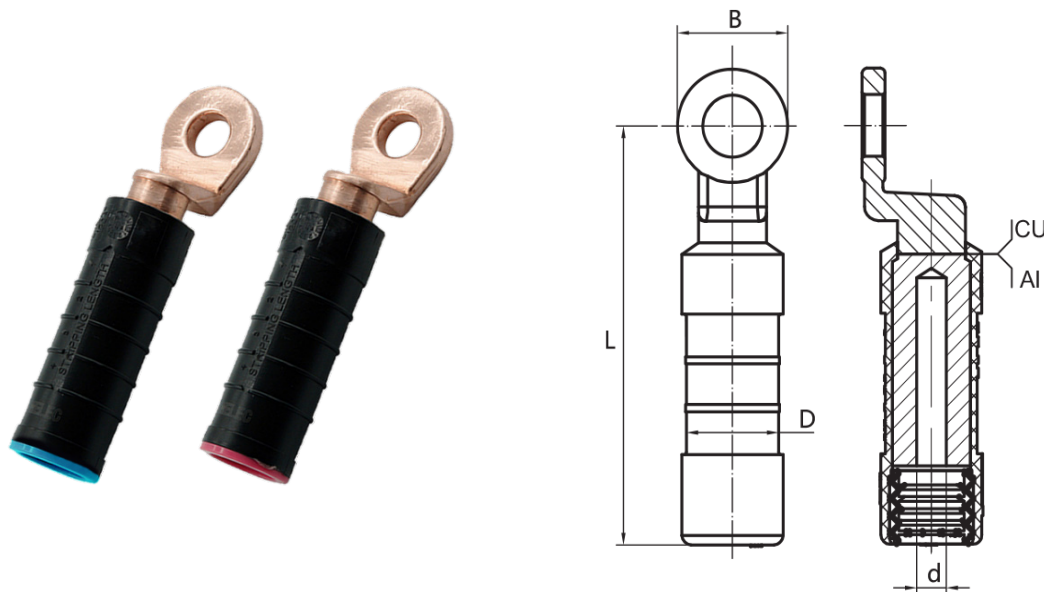


Rating	Value
Rated Operational Voltage (V)	230V
Rated Insulation Voltage (V)	1000V
Rated Frequency (Hz)	50Hz
Rated Operational Current (A)	100A
Rated Short Time Withstand Current (kA)	5kA, 1s
Rated Short Circuit Making Capacity (kA)	1.2kA
Rated Breaking Current at 0.65pF	300A
Protection	IP20
Termination Slot	6mm-35mm
Size	Length:117mm Width:50mm

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ABC LV PRE-INSULATED ALUMINIUM CONNECTOR

Item Code	Conductor Size (mm ²)	Dimensions (mm)				Stud Size	Colour Code
		L	D	d	B		
DSSB-ABC-PIBL1610	16	65	16	5.3	20	M10	Blue
DSSB-ABC-PIBL2512	25	88	20	6.5	24	M12	Orange
DSSB-ABC-PIBL3512	35	88	20	7.9	24	M12	Red
DSSB-ABC-PIBL5012	50	88	20	8.8	24	M12	Yellow
DSSB-ABC-PIBL54612	54.6	88	20	10	24	M12	Black
DSSB-ABC-PIBL7012	70	88	20	10.4	24	M12	White
DSSB-ABC-PIBL9512	95	88	20	12.3	24	M12	Grey
DSSB-ABC-PIBL12012	120	102.5	25	14.2	30.5	M12	Pink
DSSB-ABC-PIBL15012	150	102.5	25	15.5	30.5	M12	Voilet



Application

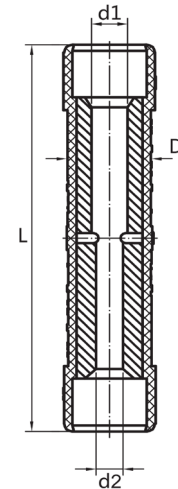
To establish connection between low voltage aerial cable and electrical equipments.

Feature:

- Material: palm: Cu≥99.9%, barrel: Al≥99.5%
- Insulation sheath is made of weather and UV resistant material
- Clear markings on insulation sheath to indicate crimping die, crimping sequence and times, cross-section of conductor and stripping length.
- Cross-section of conductor can be easily identified by the color of elastomeric
- Elastomeric cap and pre-filled silicone grease ensure superior waterproof.
- Stripping of cable insulation is required before insertion.
- Tested for watertightness test.
- Standard: EN 50483-4, NF C 33-021

ABC LV PRE-INSULATED ALUMINIUM CONNECTOR

Item Code	Conductor Size (mm ²)	Dimensions (mm)				Colour Code
		L	D	d1	d2	
DSSB-ABC-PIAC16/16D	16	98.5	20	5.3	5.3	Blue
DSSB-ABC-PIAC25/25	25	98.5	20	6.5	6.5	Orange
DSSB-ABC-PIAC35/25	35/25	98.5	20	7.9	6.5	Red/Orange
DSSB-ABC-PIAC35/35	35	98.5	20	7.9	7.9	Red
DSSB-ABC-PIAC50/25	50/25	98.5	20	8.8	6.5	Yellow/Orange
DSSB-ABC-PIAC50/35	50/35	98.5	20	8.8	7.9	Yellow/Red
DSSB-ABC-PIAC50/50	50	98.5	20	8.8	8.8	Yellow
DSSB-ABC-PIAC70/35	70/35	98.5	20	10.4	7.9	White/Red
DSSB-ABC-PIAC70/50	70/50	98.5	20	10.4	8.8	White/Yellow
DSSB-ABC-PIAC70/70	70	98.5	20	10.4	10.4	White
DSSB-ABC-PIAC95/35	95/35	98.5	20	12.2	7.9	Grey/Red
DSSB-ABC-PIAC95/50	95/50	98.5	20	12.2	8.8	Grey/Yellow
DSSB-ABC-PIAC95/70	95/70	98.5	20	12.2	10.4	Grey/White
DSSB-ABC-PIAC95/95	95	98.5	20	12.2	12.2	Grey
DSSB-ABC-PIAC120/120	120	136.5	25	14.3	14.3	Pink
DSSB-ABC-PIAC150/70	150/70	136.5	25	15.5	10.4	Voilet/White
DSSB-ABC-PIAC150/95	150/95	136.5	25	15.5	12.2	Voilet/Grey
DSSB-ABC-PIAC150/150	150	136.5	25	15.5	15.5	Voilet



Application

For LV-ABC system with neutral messenger. Used on phase conductor

Feature:

- Material: Al≥99.5%
- Insulation sheath is made of weather and UV resistant material.
- Clear markings on insulation sheath to indicate crimping die, crimping sequence and times, cross-section of conductor and stripping length.
- Cross-section of conductor can be easily identified by the color of elastomeric cap.
- Elastomeric caps and pre-filled silicone grease ensure superior waterproof.
- Stripping of cable insulation is required before insertion.
- Tested by dielectrical voltage of 6kV for 1 minute under water.
- Standard: EN 50483-4, NF C 33-021

ABC ACCESSORIES - LV

WALL SUPPORT FOR FIVE FOOTWAYS

Item Code	Cable Dia. (mm)
DSSB-ABC-TPM-WSFF	10mm-50mm

Application

Support the cable installation alongside concrete wall and pole.

Technical Specification

Conductor size : 3x16+25mm ² - 3x95+70mm ²
Nail : 7x180mm nail , 12x60mm plug
Cable diameter (mm): 10 – 50mm
Distance from surface (mm) : 70mm
Standards : NF C 33-040; BS 729; BS 1387
Weight : 138g per unit

Test

The Wall Support is extensively tested according to NFC 33-040; BS 729:1971; and BS 1387:1985

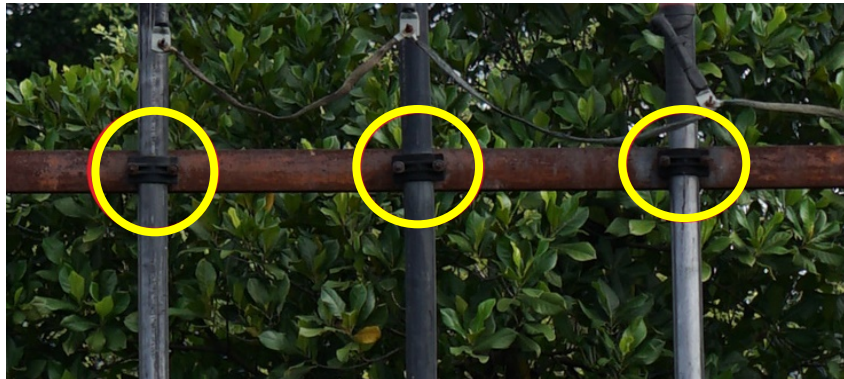


LV AND HV ABC H-POLES CABLE CLEATS

Item Code	Outdoor	M	Cable Dia. (mm)
DSSB-CC-SNC18-27	UV	FR	18-27
DSSB-CC-SNC28-42	UV	FR	28-42
DSSB-CC-SNC43-56	UV	FR	43-56
DSSB-CC-SNC54-76	UV	FR	54-76
DSSB-CC-SNC74-88	UV	FR	74-88
DSSB-CC-SNC87-102	UV	FR	87-102
DSSB-CC-SNC103-116	UV	FR	103-116
DSSB-CC-SNC117-138	UV	FR	117-138

* FR = Fibreglass Reinforced

* M = Material



Dynamometers

Item Code	Capacity
DSSB-CLA-DYMTM5 - 0.5TON	5 kN
DSSB-CLA-DYMTM10 - 1TON	10 kN
DSSB-CLA-DYMTM20 - 2TON	20 kN
DSSB-CLA-DYMTM30 - 3TON	30 kN
DSSB-CLA-DYMTM50 - 5TON	50 kN
DSSB-CLA-DYMTM100 - 10TON	100 kN



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Grips Tools

Wire Grips

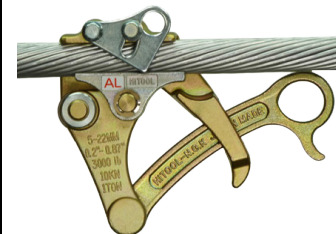
Item Code	Min. Cable	Max. Cable	Capacity	Jaw Length
DSSB-CLA-WG/C-SD-N	2.6mm	15mm	10 kN	*
DSSB-CLA-WG/C-SD-S	3mm	13mm	10 kN	50mm
DSSB-CLA-WG/C-10kN	5mm	22mm	10 kN	70mm
DSSB-CLA-WG/C-20kN	5mm	22mm	20 kN	90mm
DSSB-CLA-WG/C-20kN-W	5mm	22mm	20 kN	90mm
DSSB-CLA-WG/C-MIGHTY20	5mm	28mm	20 kN	120mm
DSSB-CLA-WG/C-LARGE20	16mm	35mm	20 kN	120mm
DSSB-CLA-WG/C-30kN	6mm	22mm	30 kN	90mm
DSSB-CLA-WG/C-LARGE30	18mm	35mm	30 kN	120mm
DSSB-CLA-WG/C-40kN	8mm	28mm	40 kN	140mm



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Cable Grips

Item Code	Min. Cable	Max. Cable	Capacity	Jaw Length
DSSB-CLA-WG/B-AL-10kN	5mm	22mm	10 kN	70mm
DSSB-CLA-WG/B-AL-20kN	5mm	22mm	20 kN	90mm
DSSB-CLA-WG/B-AL-MIGHTY20	5mm	28mm	20 kN	120mm
DSSB-CLA-WG/B-AL-LARGE20	16mm	35mm	20 kN	120mm
DSSB-CLA-WG/B-AL-30kN	6mm	22mm	30 kN	90mm
DSSB-CLA-WG/B-AL-LARGE30	18mm	35mm	30 kN	120mm
DSSB-CLA-WG/B-AL-50kN	18mm	36mm	50 kN	180mm
DSSB-CLA-WG/B-AL-60kN	28mm	46mm	60 kN	220mm



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ABC Grips

Item Code	Capacity	Min. Cable	Max. Cable	Jaw Length
DSSB-WG/A-S	3.5 kN	4 x 16mm	4 x 35mm	80mm
DSSB-WG/A-M	10 kN	4 x 25mm	4 x 95mm	160mm
DSSB-WG/A-L	18 kN	4 x 95mm	4 x 150mm	180mm



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ABC ACCESSORIES

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