



DOUBLE SUSPENSION FREE CENTRE TYPE-ROD ARCING HORN BOTH SIDE- WITHOUT ARMOUR ROD

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MMPT have created an identifiable position in the market by manufacturing and supplying superior quality Suspension Hardware.

Double Suspension Hardware Fittings are installed where double strings of insulators are being used.

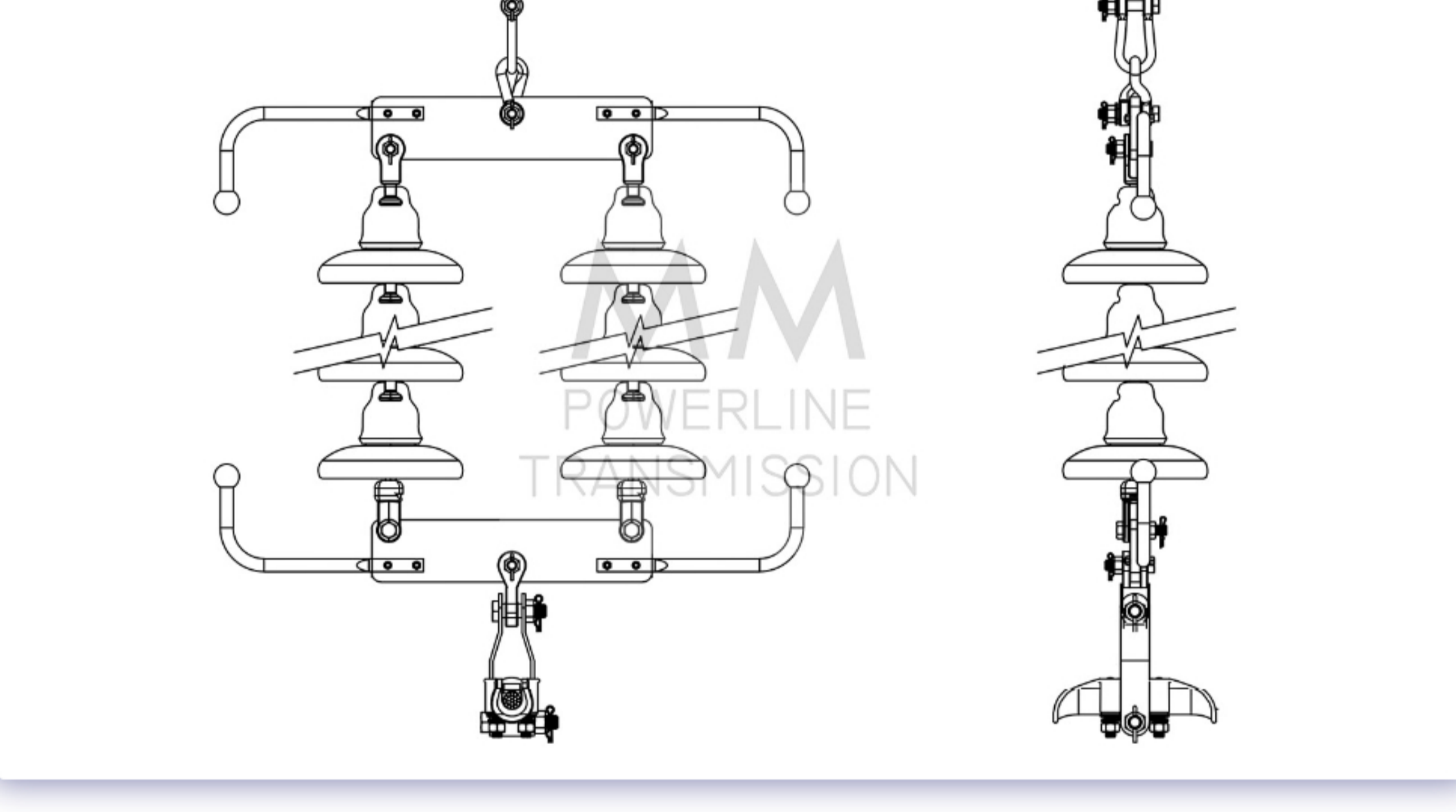
The main purpose of this hardware is to hang the conductor/cable to the insulator. The clamps help to link all other fittings and accessories to the tower arms. It promotes safety of the conductor/cable and people by preventing voltage leakage. It enhance the stability of the conductor by limiting their movement, especially against a strong wind, storms and other natural calamities.

Free centre suspension clamp are the clamps in which bolt/locking arrangements are in the bottom part of the clamp.

Arching horns are projecting conductors used to protect insulators or switch hardware on high voltage electric power transmission systems from damage during lightning strikes and other overvoltage phenomena.

The Arching horns(Rod Type)comprise a pair of rods having V-shaped outer ends criss crossing one another along one lateral side of the insulator and arranged to form multiple self-extinguishing wiring gaps emanating from the common gap between the spaced apart apexes thereof. The assembly is eminently suited for installation vertically, horizontally or in an inclined position. The hardware components are identical and integral except for fasteners.

MMPT suspension hardware can be custom manufactured with different wire numbers, a wide range of cable sizes, wire raw material.



BOQ

SL. NO	DESCRIPTION	MATERIAL	QTY./SET
1	ANCHOR SHACKLE	F.S., HDG	1 NOS
2	TWISTED SHACKLE	F.S., HDG	1 NOS
3	T.S. YOKE PLATE	M.S., HDG	1 NOS
4	L.S. YOKE PLATE	M.S., HDG	1 NOS
5	BALL CLEVIS	F.S., HDG	2 NOS
6	SOCKET CLEVIS	F.S., HDG	2 NOS
7	CLEVIS EYE	F.S., HDG	1 NOS
8	SUSPENSION CLAMP FREE CENTRE TYPE	AL. ALLOY	1 NOS
9	M16 HEX BOLT, NUT, ROUND & SP. WASHER	M.S., HDG	8 SETS
10	SPLIT PIN	S.S.	8 NOS
11	R-CLIP	S.S.	2 NOS
12	ARCING HORN-ROD TYPE	M.S., HDG	4 NOS
13	M12 HEX BOLT, NUT, ROUND & SP. WASHER	M.S., HDG	8 SETS

TECHNICAL DATA

- ALL DIMENSIONS ARE IN MM.
- GENERAL TOLERANCE ±3%
- U.T.S. OF HARDWARE FITTING : 90 KN.
- U.T.S. OF SUSPENSION CLAMP – 70 KN.
- SLIP STRENGTH OF SUSPENSION CLAMP : 8% TO 15% UTS OF CONDUCTOR.
- BALL & SOCKET DESIGNATION : 16MM & 16MM "B" AS PER IS : 2486, PART-II.
- SPECIFICATION TO WHICH H/W FITTING CONFORM – IS : 2486, PART-I.
- ALL FERROUS PARTS (EXCEPT SPRING WASHER) SHALL BE HOT DIP GALVANISED CONFORMING TO IS : 2633 AND SPRING WASHER ELECTRO GALVANISED CONFORMING TO IS : 1573, SERVICE COND. III.
- TOLERANCE IN TOTAL LENGTH OF HARDWARE FITTING ±2%.
- MAGNETIC POWER LOSS AT 500A PER SUSPENSION CLAMP – 1Watt (MAX)

AVAILABLE FOR THE FOLLOWING CONDUCTORS

For ACSR

SL. NO	ACSR CODE	CONDUCTOR DIA.
1	RACCOON	12.27
2	DOG	14.15
3	LEOPARD	15.84
4	COYOTE	15.86
5	TIGER	16.52
6	WOLF	18.13
7	ORIOLE	18.82
8	LYNX	19.53
9	LARK	20.47
10	PANTHER	21.00
11	LION	22.26
12	BEAR	23.45
13	GROBEAK	25.16
14	TEAL	25.24
15	GOAT	25.97
16	ANTELOPE	26.73
17	KUNDAH	26.80
18	SHEEP	27.93
19	DRAKE	28.14
20	ZEBRA	28.62
21	DEER	29.89
22	CAMEL	30.15
23	ELK	31.50
24	MORKULLA	31.68
25	MOOSE	31.77
26	BERSIMIS	35.05

For AAAC

SL. NO	AAAC CODE	CONDUCTOR DIA.
1	RABBIT	9.30
2	DOG	12.78
3	PANTHER	19.70
4	PANTHER-UP	22.05
5	YEW	25.97
6	ZEBRA	28.00
7	ZEBRA-UP	29.79

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