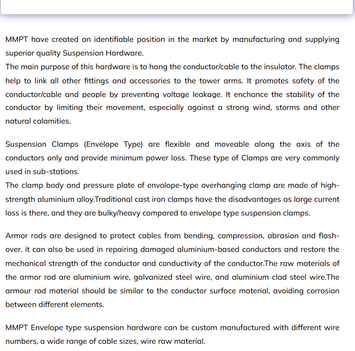
SINGLE SUSPENSION ENVELOP TYPE- WITH ARMOUR ROD

SINGLE SUSPENSION ENVELOP TYPE- WITH ARMOUR ROD

Download Product details

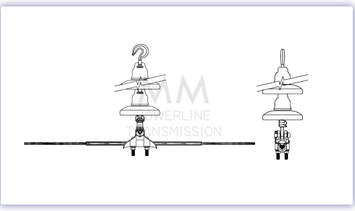


MMPT have created an identifiable position in the market by manufacturing and supplying superior quality Suspension Hardware.
The main purpose of this hardware is to hang the conductor/cable to the insulator. The clamps help to link all other fittings and accessories to the tower arms. It promotes safety of the conductor/cable and people by preventing voltage leakage. It enchance the stability of the conductor by limiting their movement, especially against a strong wind, storms and other natural calamities.

Suspension Clamps (Envelope Type) are flexible and moveable along the axis of the conductors only and provide minimum power loss. These type of Clamps are very commonly used in sub-stations.
The clamp body and pressure plate of envolope-type overhanging clamp are made of high-strength aluminium alloy.Traditional cast iron clamps have the disadvantages as large current loss is there, and they are bulky/heavy compared to envelope type suspension clamps.

Armor rods are designed to protect cables from bending, compression, abrasion and flash-over. it can also be used in repairing damaged aluminium-based conductors and restore the mechanical strength of the conductor and conductivity of the conductor.The raw materials of the armor rod are aluminium wire, galvanized steel wire, and aluminium clad steel wire.The armour rod material should be similar to the conductor surface material, avoiding corrosion between different elements.

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



Other Product Quick Link

- Single Envelop Type With Armour Rod +
- Double Envelop Type With Armour Rod +

BOQ

SL. NO	DESCRIPTION	MATERIAL	QTY./SET
1	BALL HOOK	F.S., HDG	1 NOS
2	SOCKET EYE	F.S., HDG	1 NOS
3	SUSPENSION CLAMP AGS TYPE	AL. ALLOY	1 NOS
4	M16 HEX BOLT, NUT, ROUND & SP. WASHER	M.S., HDG	1 SET
5	SPLIT PIN	S.S.	1 NOS
6	R-CLIP	S.S.	1 NOS
7	ARMOUR ROD	AL. ALLOY, 6061 T6	1 SET

TECHNICAL DATA

1. ALL DIMENSIONS ARE IN MM.
2. GENERAL TOLERANCE ±3%
3. U.T.S. OF HARDWARE FITTING : 90 KN.
4. U.T.S. OF SUSPENSION CLAMP – 70 KN.
5. SLIP STRENGTH OF SUSPENSION CLAMP : 8% TO 15% UTS OF CONDUCTOR.
6. BALL & SOCKET DESIGNATION : 16MM & 16MM "B" AS PER IS : 2486, PART-II.
7. SPECIFICATION TO WHICH H/W FITTING CONFORM – IS : 2486, PART-I.
8. 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.
9. TOLERANCE IN TOTAL LENGTH OF HARDWARE FITTING ±2%.
10. 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	GROSBEAK	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

Our Brands

TATA POWER-DDL | torrent POWER | Fiber@Home | adani Renewables | HYDRO POWER

Address
Office : 2D,N.S.Road,shantinagar Colony,Compact Appt., Block-B,Flat-G001,Liluah,Howrah-711 204,West Bengal,India
Factory : 58,N.S.Road,Lilauh,Howrah – 711204,West Bengal,India
+91 8961536500
sales@mmpt.in

All Rights Reserved (C) 2023 | MMPT | Powered By BTN Infosolution