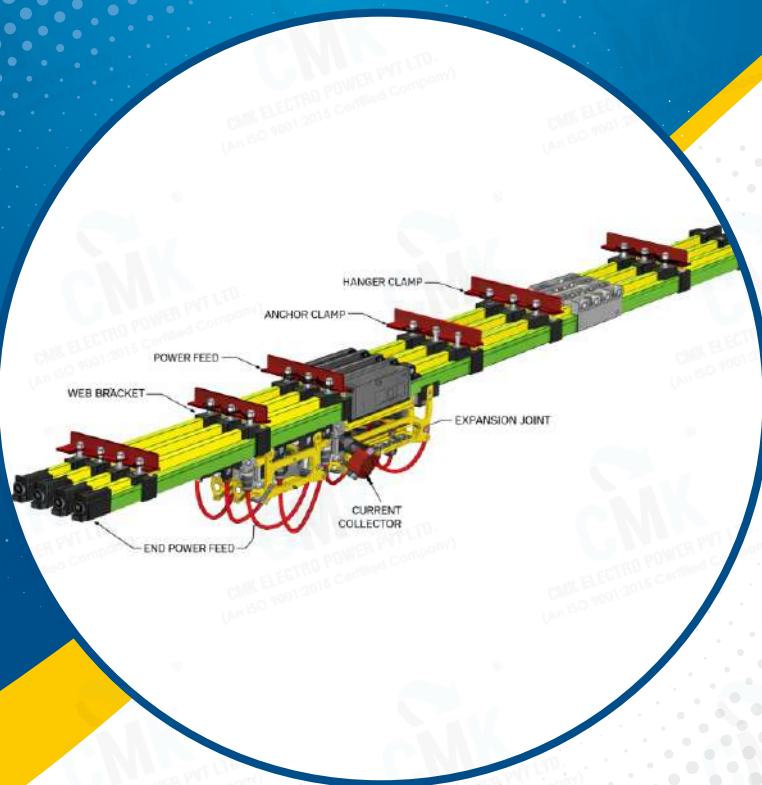


DSL SHRODED BUSBAR SYSTEM M Type



CMK ELECTRO POWER PVT LTD.
(An ISO 9001:2015 Certified Company)



Chemical Industries



Crane Industries



Paper Industries



Automobile Industries



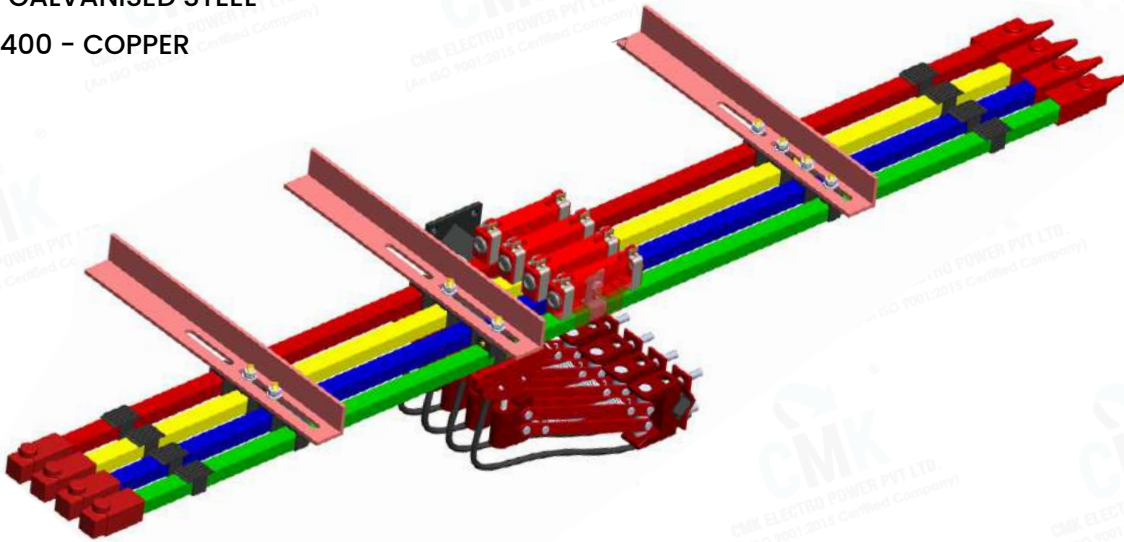
Power Plant

Manufacturer of EOT Crane Control Equipments

CMK M TYPE CONDUCTOR BAR

100/125 – GALVANISED STEEL

160/250/400 – COPPER



The Pin Joint Busbar (M-Type) is a robust and highly efficient electrical power distribution solution designed to ensure reliable connectivity and easy installation in industrial and commercial applications. Engineered for superior mechanical strength and excellent conductivity, this busbar system provides a secure jointing mechanism that minimizes power loss and enhances overall system performance.

Key Features

The Pin Joint Busbar (M-Type) is widely used in:

EOT and Gantry crane electrification systems

Industrial power distribution networks

Manufacturing plants and process industries

Workshops, warehouses, and assembly lines

Heavy-duty material handling equipment

Key Features & Advantages

High Conductivity: Ensures efficient power transfer with minimal voltage drop

Secure Pin Joint Mechanism: Provides reliable electrical and mechanical connection

Easy Installation: Modular design enables quick assembly and maintenance

Durable Construction: Built to withstand harsh industrial environments

Low Maintenance: Long service life with consistent performance

Enhanced Safety: Insulated design reduces risk of accidental contact



TECHNICAL DATA

CONDUCTOR BAR		GALVANIZED IRON (SL 1)		COPPER (SL 1)		
Nominal Current		100A	125A	160A	250A	400A
Cross Sectional Area(sq. mm)		0.8 x 50	1 x 50	0.8 x 50	1 x 50	1.2 x 50
DC Resistance Ohms/M +35°C		2.7	2.4	0.201	0.344	0.334
Impedence Ohms / M +35°C		2.60	2.35	0.212	0.331	0.332
Ambient Temprature Range						-30°C + 55°C
Conductor Rating at 100%CDF At + 35°C		100A	125A	160A	250A	400A
	+40°C	95A	120A	155A	245A	355A
	+45°C	90A	115A	150A	240A	350A
	+50°C	85A	110A	145A	235A	345A
	+55°C	80A	105A	140A	230A	340A
Support Pitch	Standard					1000MM
	Lateral					1125MM
Bar Length						4000MM
Protection Class (Finger Safe)						IP21
Conductor Joint						Pin Type (Pin Joint)
CONDUCTOR BAR COVER						
Standard Insulation						PVC
Maximum System Working Temperature						80°C
Flame Test						Self Extinguishing
Colour						RYBG
INSTALLATION						Indoor / Outdoor
Hanger Clamps						1 Pole / 4 Pole
Expansion Section required length more then						150 mtrs
Power Feeding						At joint or at any location
Installation suitable for						Indoor / Outdoor
OTHER ACCESSORIES						Available upon request only
Isolating Sections, High Temp, Sleeves For 120°C						



125A Current
Collector



Joint Cover



1 Pole Hanger



Joining Tool



End Power
feed



End cap

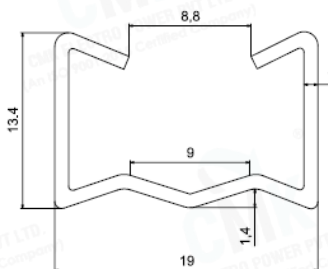
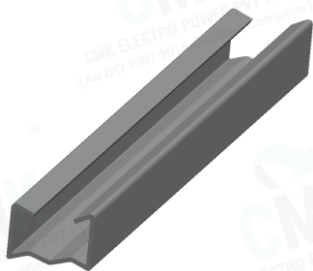


Web Bracket

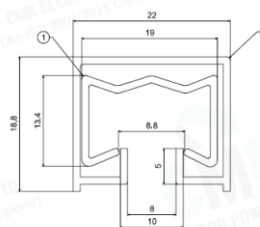
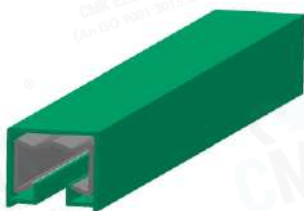


4 Pole Hanger

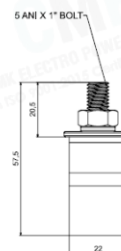
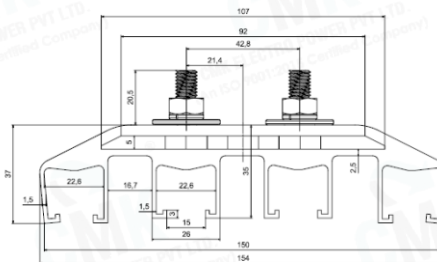
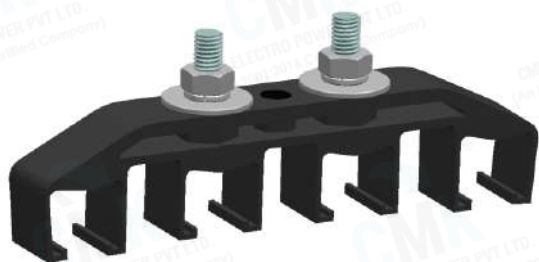
125 A PIN JOINT BUSBAR TRACK



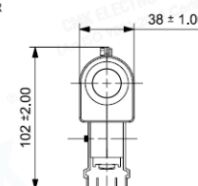
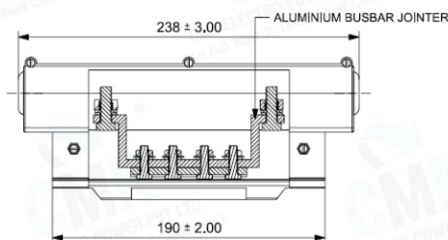
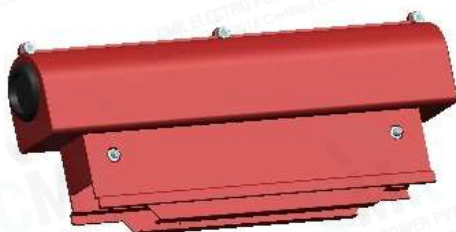
125 A PIN JOINT BUSBAR WITH SLEVE

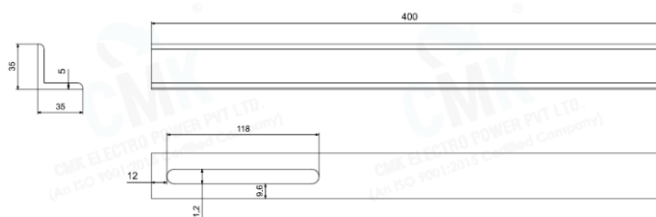
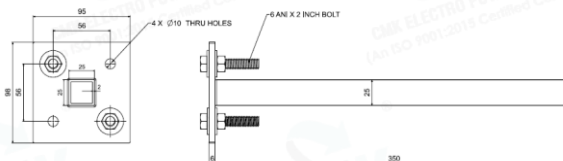
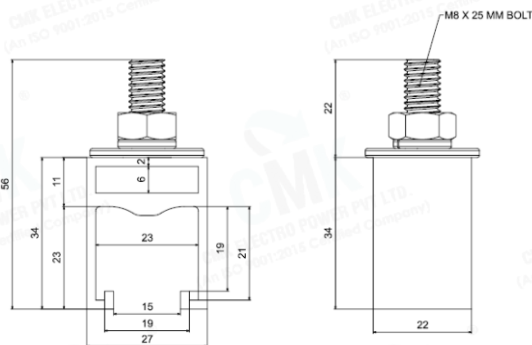
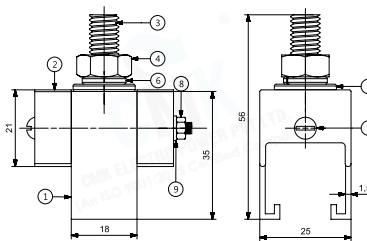
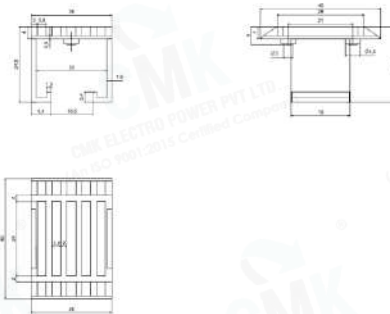


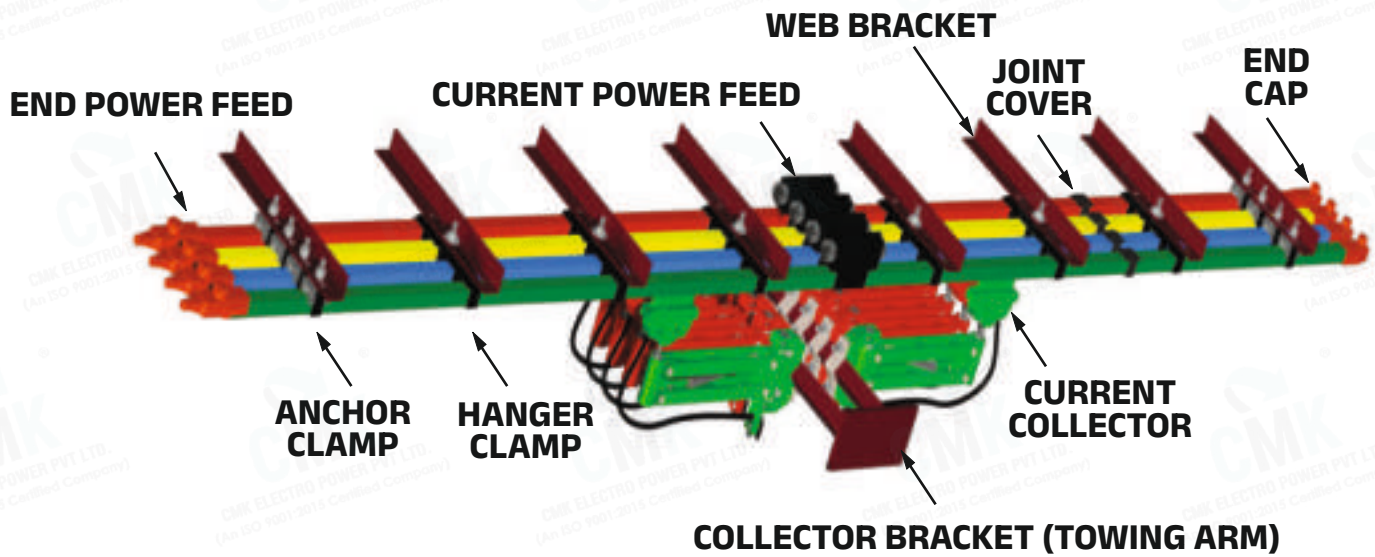
4 POLE PIN TYPE HANGER CLAMP



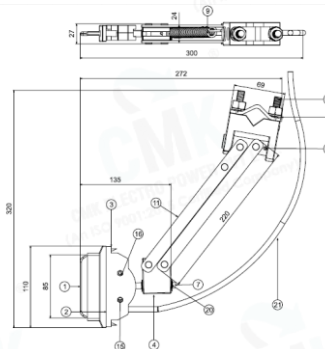
CENTER POWER FEED



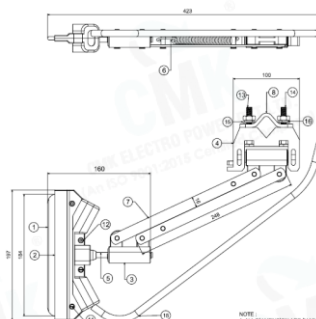




CURRENT COLLECTOR 125 A



CURRENT COLLECTOR 250 A





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