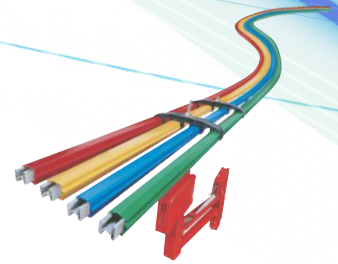
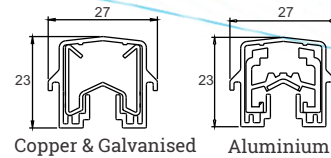


Safe-Line W

The Individual Conductor Bar System

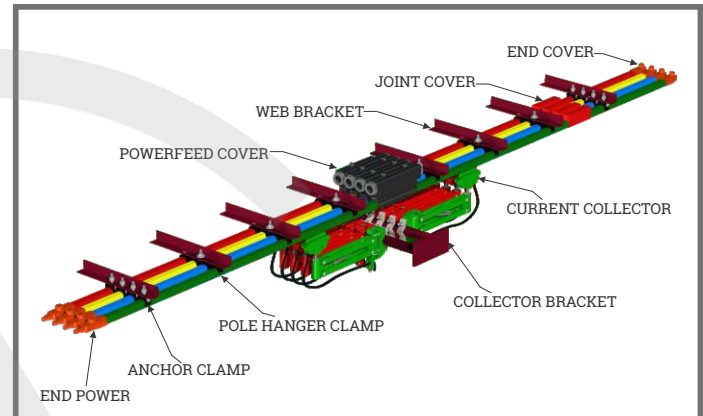


Safeline-W Insulated conductor bars are used for power transmission. Current Capacity ranges from 60 Amps. to 400 Amps rated at 100% duty cycle & nominal voltage upto 660 V. They fulfill the requirements of latest international standards. All are safe to touch and designed finger proof. Conductor rail provide asafe and economical supply of electrical power for track guided mobile machinery.



Features

- Insulated conductor are touch proof, no exposed live parts to contact.
- Quick and easy installation with single bolt, 4 pole hanger.
- 60 to 400 Amps. Conductor in same standard.
- 60,100 & 125 Amps. Galvanised Steel.
- 200,315 & 400Amps. Aluminium / Stainless Steel.
- 160,250 & 400 Amps rolled Copper.
- 4.5 meters bar length.
- Cover designed to shed water and dust.



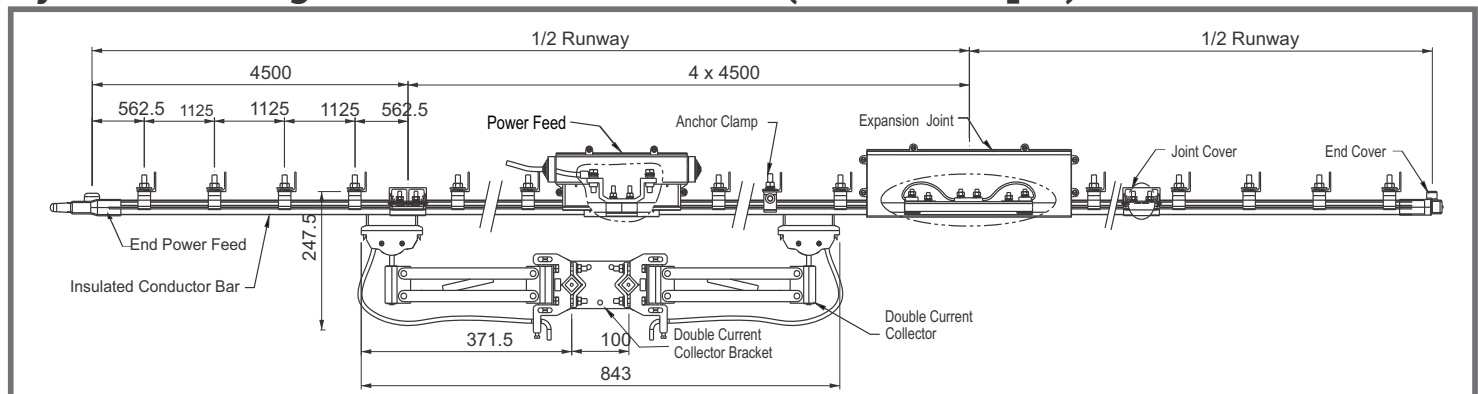
Technical Data Safeline-W Bolted Joint Conductor System

Conductor Bar System	Galvanised Steel			Copper			Aluminium/SS		
Type	WG-60	WG-100	WG-125	WC-160	WC-250	WC-400	WA-200	WA-315	WA-400
Nominal Current (A) AT 100% Duty and 35°C	60	100	125	160	250	400	200	315	400
DC resistance (Ω/M)At +35° C	0.003584	0.002867	0.001933	0.000342	0.000274	0.000184	0.000301	0.000261	0.000199
Impedence (Ω/M)At +35°C	0.003604	0.002891	0.001968	0.000364	0.000300	0.000221	0.000325	0.000288	0.000234
Voltage grade [V]	1000								
Support Spacing [mm]	1125								
Bar Length[mm]	4500								
Minimum Pitch Centre [mm]	43								
Traveling speed [m/m]	600 max								
Permissible ambient temperature	-30°C + 55°C (Standard Insulation) -30°C + 85°C (High Temperature Insulation)								
Minimum bending radius [m]	1.5								

High temperature insulation on request upto 115° Bayblend.

High temperature insulation on request

System Arrangement For Safeline - W (60-400Amps.)



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