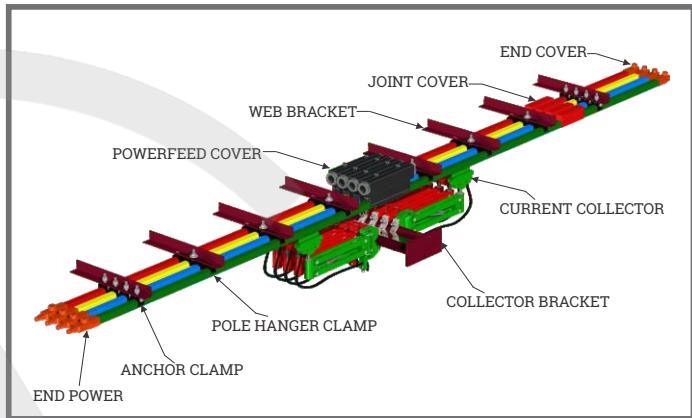
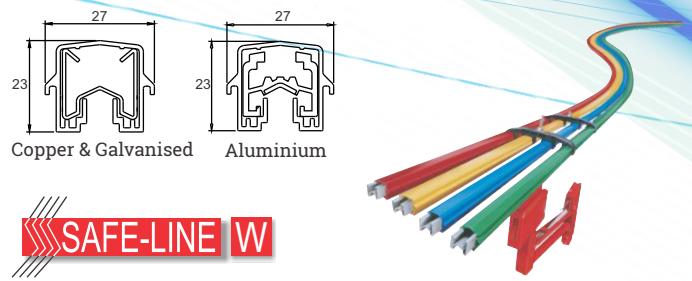


Safeline-W Insulated conductor bars are used for power transmission. Current Capacity ranges from 60 Amps. to 400 Amps rated at 100% duty cycle & nominal voltage upto 660 V. They fulfill the requirements of latest international standards. All are safe to touch and designed finger proof. Conductor rail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



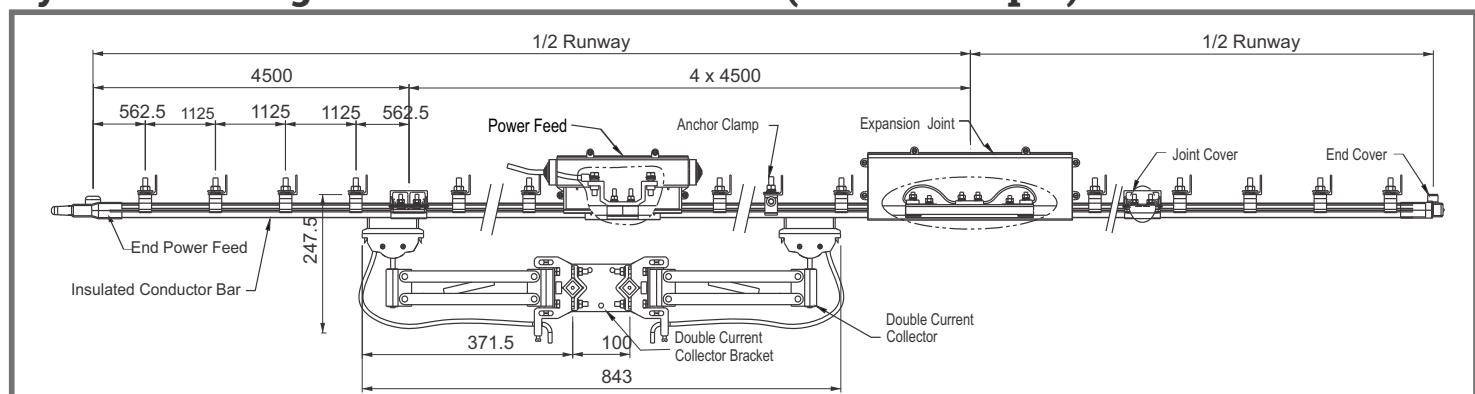
Technical Data Safeline-W Bolted Joint Conductor System

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
Impedance (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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