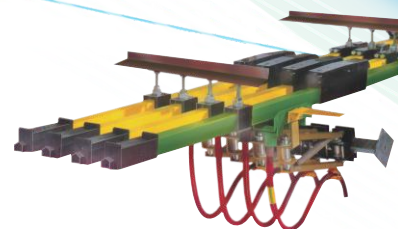
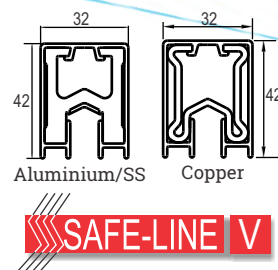


Safe-Line V Heavy Conductor Bar System

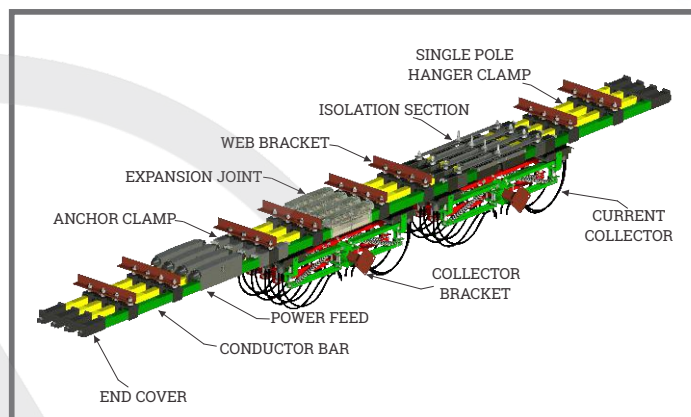


Safeline V insulated conductor bar system are used for power transmission. Current capacity from 500 Amps. to 2000 Amps., rated at 100% duty cycle and nominal voltage up to 600V Conductor Bar provide a safe and economical power for track guided mobile machinery. Safeline V modern power supply system using single pole insulated conductor. The applications of this system are travelling cranes, container traffic and special



Features

- Insulated Conductor Bar are touch proof.
- Quick & easy Installation.
- 500, 800, 1000 & 1250 in same standard.
- 500, 800, 1000 Amps Aluminium / Stainless Steel.
- 500, 800, 1000, 1250, 2000 Amps. Copper.
- No expansion joint upto 200 meter long system.
- Horizontal / Vertical Installation.
- Spring loaded Current Collectors 250A / 500A.
- No expansion joints upto 200 meter long system.

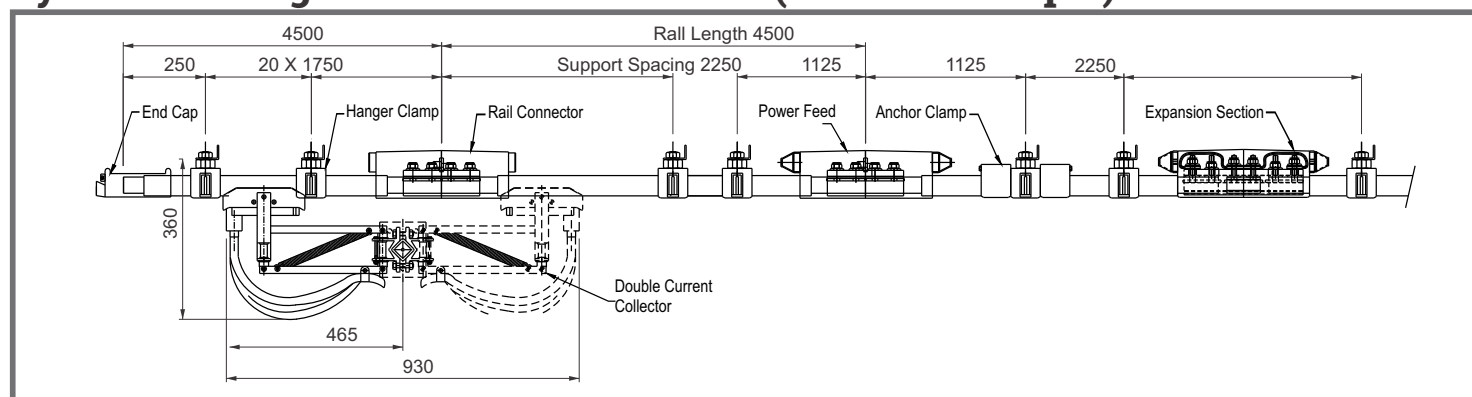


Technical data Safeline-V-Heavy Bar System

Conductor Bar System	Aluminium /Stainlesssteel				Copper			
Type	VA-500	VA-800	VA-1000	VC-500	VC-800	VC-1000	VC-1250	VC-2000
Nominal Current (A) AT 100% Duty and 35°C	500	800	1000	500	800	1000	1250	2000
DC resistance (Ω/M) At +35° C	0.000097	0.000074	0.000051	0.000104	0.000057	0.000022	0.000033	0.000011
Impedence (Ω/M) At 80mm barspacing And +35°C	0.0000157	0.0000144	0.000137	0.000104	0.000057	0.000022	0.000033	0.000011
Voltage grade [V]	1000							
Support Spacing [mm]	2250							
Bar Length [mm]	4500							
Minimum pitch centre [mm]	80							
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 110° C

System Arrangement For Safeline - V (500-2000Amps.)



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