DGCRANE
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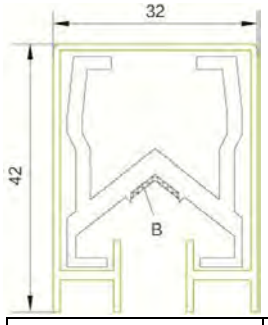
Parts of the conductor rail system

W32 System

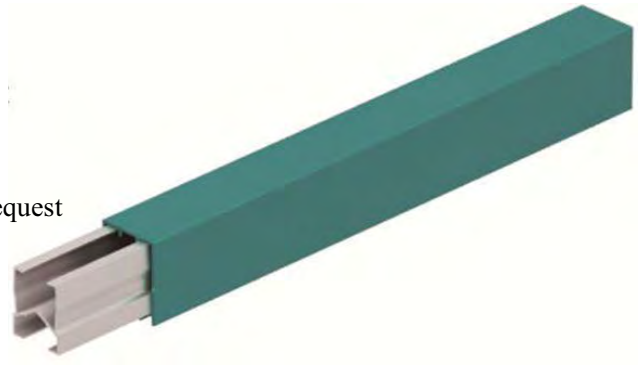
Scale 1:1



Aluminum conductor

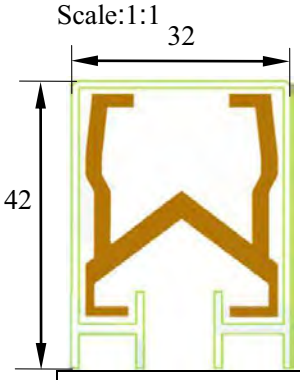
Standard length:6.0m,other length on request
Support spacing:1.8m or 2.0m.

Stainless steel belt
B=9.8mm



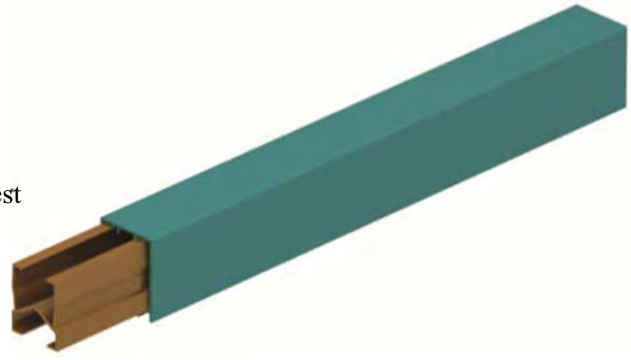
Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-W-230/320	Aluminum	230	320	80	0.153	0.96	320126
JDC-W-285/500	Aluminum	285	500	80	0.116	1.13	320136
JDC-W-360/630	Aluminum	360	630	80	0.087	1.38	320156
JDC-W-420/800	Aluminum	450	800	80	0.067	1.50	320166
JDC-W-550/1000	Aluminum	550	1000	80	0.058	1.83	320176
JDC-W-600/1250	Aluminum	600	1250	80	0.046	2.01	320186

Scale:1:1



Copper conductor

Standard length:6.0m,other length on request
Support spacing:1.8m or 2.0m.



Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-WT-230/800	Copper	230	800	80	0.067	2.43	320266
JDC-WT-300/1000	Copper	300	1000	80	0.058	3.05	320276
JDC-WT-360/1250	Copper	360	1250	80	0.046	3.56	320286
JDC-WT-450/1600	Copper	450	1600	80	0.039	4.37	320296

The neutral insulation cover is marked yellow -green on one side.

Standard insulation suitable from	-20 ℃ -+70 ℃ ambient temperature.
High temperature insulation suitable from	-10 ℃ -+115 ℃ ambient tempe rature.
Low temperature insulation suitable from	-40 ℃ -+85 ℃ ambient temperature.

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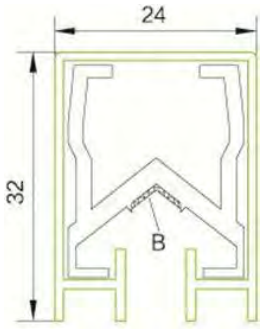
Parts of the conductor rail system

W24 System

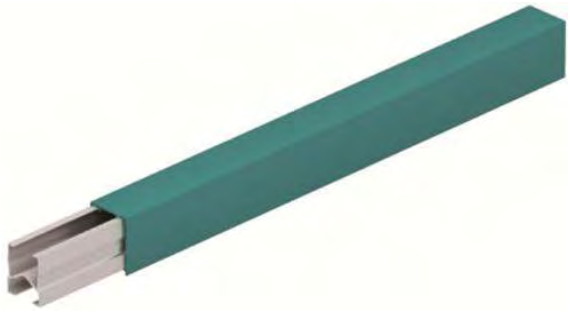
Scale 1:1



Aluminum conductor

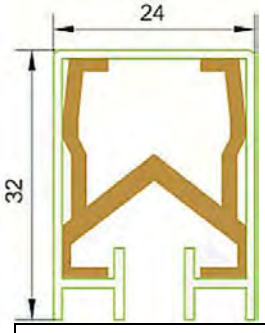
Standard length:6.0m,other length on request
Support spacing:1.5m.

Curves
Min.R=1.2m
Stainless steel belt
B=8.5mm



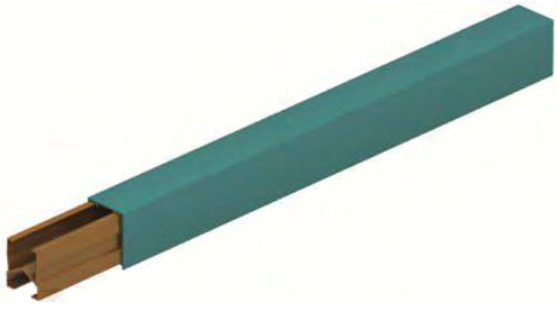
Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-W-160/250	Aluminum	160	250	45 or 80	0.203	0.63	240126
JDC-W-180/300	Aluminum	180	300	45 or 80	0.187	0.71	240136

Scale:1:1



Copper conductor

Standard length:6.0m,other length on request
Support spacing:1.5m.



Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-WT-160/500	Copper	160	500	45 or 80	0.112	1.68	240256
JDC-WT-180/600	Copper	180	600	45 or 80	0.098	1.86	240266
JDC-WT-200/700	Copper	200	700	45 or 80	0.087	2.04	240276
JDC-WT-230/800	Copper	230	800	45 or 80	0.076	2.30	240286

Standard insulation suitable from -20℃-+70℃ ambient temperature.

High temperature insulation suitable from -10℃-+115℃ ambient temperature.

Low temperature insulation suitable from -40℃-+85℃ ambient temperature.

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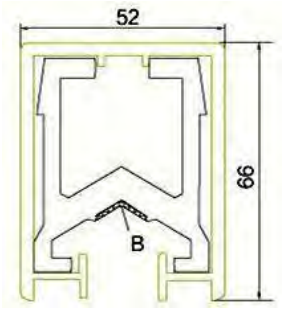
Parts of the conductor rail system

W52 System

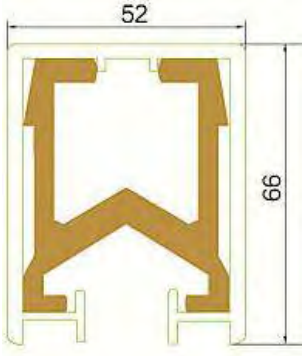
Scale 1:2



Aluminum conductor

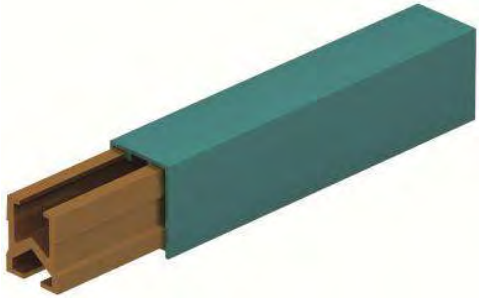
Stainless steel belt
B=16mm
Standard length:6.0m,other length s on request

Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-W-900/1500	Aluminum	900	1500	100	0.039	2.85	390116
JDC-W-1000/1600	Aluminum	1000	1600	100	0.037	3.25	390126
JDC-W-1350/2000	Aluminum	1350	2000	100	0.028	4.32	390136
JDC-W-1600/2500	Aluminum	1600	2500	100	0.018	7.99	390156
JDC-W-2000/3000	Aluminum	2000	3000	100	0.015	6.07	390166



Copper conductor

Standard length:6.0m,other lengths on request



Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-WT-500/1600	Copper	500	1600	100	0.036	5.12	390226
JDC-WT-700/2000	Copper	700	2000	100	0.026	6.91	390236
JDC-WT-850/2500	Copper	850	2500	100	0.0818	8.25	390256
JDC-WT-1000/3000	Copper	1000	3000	100	0.011	9.65	390266
JDC-WT-1200/3500	Copper	1200	3500	100	0.009	11.42	390276
JDC-WT-1600/4500	Copper	1600	4500	100	0.008	14.99	390286
JDC-WT-18005000	Copper	1800	5000	100	0.007	16.75	390296

The neutral insulation cover is marked yellow-green on one side.

Standard insulation suitable from -20℃-+70℃ ambient temperature.

High temperature insulation suitable from -10℃-+115℃ ambient temperature.

Low temperature insulation suitable from -40℃-+85℃ ambient temperature.

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Parts of the conductor rail system

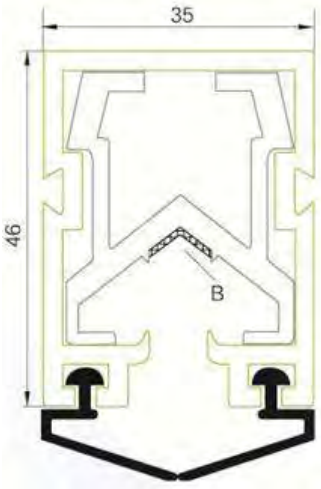
W35 Enclosed System*

Standard length :6.0m,other lengths on quest.

Type	Conductor material	Cross section(mm^2)	Nominal current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-WE-230/320	Aluminum	230	320	80	0.153	0.96	350126
JDC-WE-285/500	Aluminum	285	500	80	0.116	1.79	350136
JDC-WE-360/600	Aluminum	360	600	80	0.087	2.04	350156
JDC-WE-420/800	Aluminum	420	800	80	0.067	2.16	350166

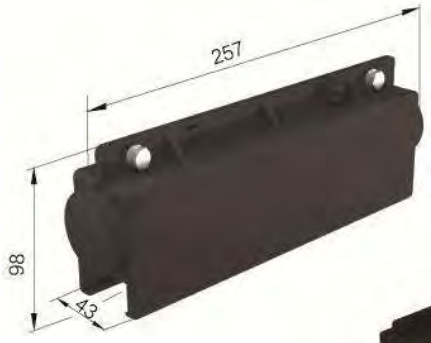
Only standard Housing is available.

Section view



Stainless steel belt
B=9.8mm

Jointing box



Every joint could be use for feeding joint.

Ready installed

Type	Weight(kg)	Material	Cat.-No.
W35LJ-1	0.137	Plastic	353401
W35LJ-5*	0.155	Polyseter	353405

Hanger

Be used for high temperature.

Type	Weight(kg)	Material	Cat.-No.
W35DJ-1	0.066	Plastic	353901
W35DJ-5*	0.075	Polyseter	353905

Be used for high temperature.

Joints**

End cap**

End cap**

**Please see “W32 System”
Cat.-No.is same.

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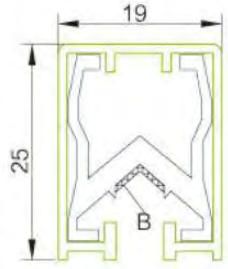
Parts of the conductor rail system

W19 Sys tem

Scale 1:1



Aluminum conductor

Stainless steel belt
B=7.2mm

Length
Standard length:4.5m,other length on request
Support spacing :1.5m.

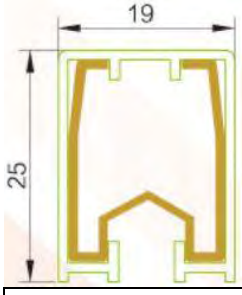
Curves
Min.R=0.8m

Main application:For overhead and elongated tracks for cranes,monorails,electric hoists,electric tools,stacking systems,as well as many other applications for supplying power to moving power loads.

For producing line,the support spacing is 0.5m -0.8m

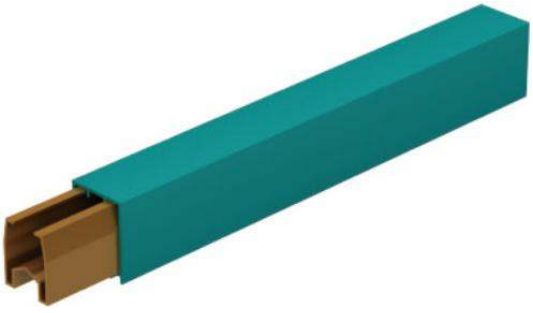
Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-W-100/150	Aluminum	100	150	35 or 80	0.376	0.46	190135

Scale: 1:1



Copper conductor

Standard length:4.5m,other length on request



Type	Conductor material	Cross section(mm^2)	Max. current(A)	Leakage-distance	Resistance	Weight (kg)	Cat-No.
JDC-WT-50/150	Copper	50	150	35 or 80	0.376	0.63	190255
JDC-WT-65/200	Copper	65	200	35 or 80	0.289	0.75	190265
JDC-WT-110/300	Copper	110	300	35 or 80	0.195	1.15	190275
JDC-WT-130/500	Copper	130	500	35 or 80	0.156	1.33	190285

The neutral insulation cover is marked yellow-green on one side.

Standard insulation suitable from -20℃-+70℃ ambient temperature.

High temperature insulation suitable from -10℃-+115℃ ambient temperature.

Low temperature insulation suitable from -40℃-+85℃ ambient temperature.