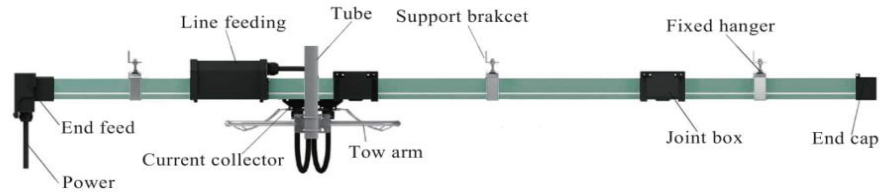


Enclosed Conductor Rail

System Description



Main Data

Electrical properties

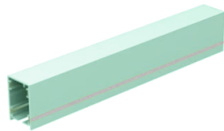
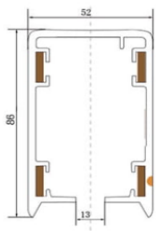
Max. current: 240A
 Max. voltage: 660V
 Dielectric strength: 30-40KV/mm
 Spec. resistance: $5 \times 10^{15} \Omega \cdot \text{cm}$
 Surface resistivity: $10^{13} \Omega \cdot \text{cm}$
 Leakage resistance: CTI600-2.7

Mechanical properties

Flexible strength: $75 \text{ N/mm}^2 \pm 10\%$
 Tensile strength: $40 \text{ N/mm}^2 \pm 10\%$

Temperature range

Standard Housing: -20°C up to $+70^\circ\text{C}$
 High Temp. Housing $^\circ\text{C}$: 10°C up to $+155^\circ\text{C}$



Enclosed Busbar

Model	Pole No	Cross Section	Maximum current	Length	Maximum voltage	Resistance	Weight	Dimensions (H*W)
AK-BUSBAR-50	4	10	50	4 meters	600	1.656	2.05	86*52
AK-BUSBAR-80	4	15	80	4 meters	600	1.137	2.32	86*52
AK-BUSBAR-140	4	35	140	4 meters	600	0.522	2.97	86*52

Accessories of Enclosed Conductor Rail



Jointing Box

Model	Weight	Material
AK-01	0.22kg	Plastic



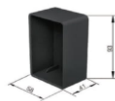
Fixed Hanger

Model	Weight	Material
AK-02	0.21kg	Steel



Slide Hanger

Model	Weight	Material
AK-03	0.17kg	Steel



End Cap

Model	Weight	Material
AK-04	0.05kg	Plastic



End Feed

Model	Weight	Material
AK-05	0.22kg	Plastic



Bolted Joint

Model	Weight	Material
AK-06-100A	0.048kg	Steel cover & Copper
AK-06-140A	0.052kg	Steel cover & Copper



Current Collector

Model	Power Rating	Weight	Poles
AK-07	40 A	0.61kg	4



Carbon Brush

Model	Weight
AK-08	0.03kg



Line Feed

Model	Weight
AK-09-100A	1.77kg
AK-09-140A	2.02kg