

Electrobar® 8-Bar

Enclosed Conductor Bar System

The practical, proven and economical way to deliver electricity to overhead cranes, hoists, monorails and other types of moving equipment.

Whether you need power for a simple top running application or a curved monorail, the Electromotive Systems ELECTROBAR 8-Bar Enclosed Conductor Bar System from Magnetek is the solution.

- Assembles easily and can be mounted either vertically or horizontally
- Figure 8 design allows you to use it interchangeably with common bottom-entry 8-bar systems
- Available for 90, 110, 250 and 350 Amp applications
- Cover options available for high temperature environments and UV protection for use in outdoor applications
- De-icing system available for low temperature applications
- Collector assemblies feature: corrosion resistant pivot pins; impact-resistant, universally interchangeable polycarbonate arms; and electrically insulated collector bodies
- Single and tandem collector assemblies available for smooth, continuous contact along straight runways or curved applications
- Conductor sections are roll-formed galvanized steel in 90 and 110 Amp ratings, or copper in 250 and 350 Amp ratings
- All systems are designed to carry the specified current rating, using a duty cycle of 70% (84 seconds on and 36 seconds off)
- Most items are available from stock for same day shipment!



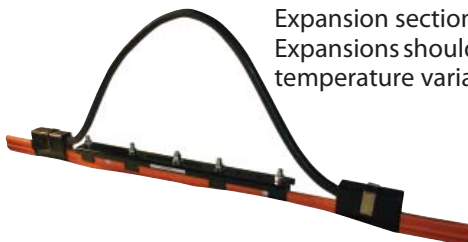
Conductor Bar Sections

Available in 10 foot sections or cut to whole foot lengths (conductor bar sections include cover, connecting pins and joint covers). Multiply the number of conductors required by the total length of the runway to be electrified, and divide the result by 10 to arrive at the proper number of conductor bar sections.

Description	Catalog Number			
	90 Amp	110 Amp	250 Amp	350 Amp
Standard Orange Cover Rated to 160°F	8-90A	8-110A	8-250AL	8-350A
Standard Green Cover	8-90G	8-110G	8-250G	8-350G
High Temperature Yellow Cover Rated to 280°F	8-90AH	8-110AH	8-250ALH	8-350AH
Approximate shipping weight	4.50 lbs.	5.50 lbs.	6.50 lbs.	7.10 lbs.

Conductor Bar Expansion Sections

Expansion sections are complete 10 foot assemblies, shipped with power feed and two anchor hangers. Expansions should be used at all building expansion joints, and compensate for ambient and environmental temperature variations.



Description	Catalog Number			
	90 Amp	110 Amp	250 Amp	350 Amp
Standard Orange Cover Rated to 160°F	8-90E	8-110E	8-250EL	8-350E
Standard Green Cover	8-90G-E	8-110G-E	8-250G-E	8-350G-E
High Temperature Yellow Cover Rated to 280°F	8-90EH	8-110EH	8-250ELH	8-350EH
Approximate shipping weight	6.80 lbs.	9.50 lbs.	10.50 lbs.	12.00 lbs.

Accessories

Anchor Hangers

90, 110, 250 and 350 Amp

Anchor hangers should be used on all systems to restrict conductor movement. They are also to be used at mid-points between expansion sections and ends.



One set of anchor hangers shown installed with single snap-in hanger.

Description	Catalog Number	Approx. Shipping Wt.
Anchor Hanger	8-HA	0.12 lbs.

Nylon Hanger Assemblies

90, 110, 250 and 350 Amp
Single and Triple Snap-In



Description	Catalog Number	Approx. Shipping Wt.
Single Snap-In Hanger	8-H	0.11 lbs.
Triple Snap-In Hanger	8-H3	0.80 lbs.

Joint Covers

90, 110, 250 and 350 Amp



Insulating joint covers are installed over each juncture of conductor bar to guard against accidental contact. One joint cover is included with each conductor section purchased.

Description	Catalog Number
Standard Black Rated to 160°F	8-JC
High Temperature Yellow Cover Rated to 280°F	8-JCH
Approximate shipping weight	0.2 lbs.

Power Feed Assembly — 90, 110, 250, and 350 Amp
Power feed assembly has special insulating cover and is installed at the conductor bar joint.

End Cap — 90, 110, 250 and 350 Amp
Vinyl cover for protecting ends of conductor bar at the beginning and the end of a system.

Mounting Brackets

Mounting brackets for all systems are comprised of roll-formed steel and are available with galvanized or painted finish. Hanger assemblies sold separately.

Collector Assemblies

Collector assemblies feature: corrosion resistant pivot pins; impact-resistant, universally interchangeable polycarbonate arms; and electrically insulated collector bodies. Single and double shoe collector assembly configurations are available for smooth, continuous contact along straight runways or curved applications.

Standard Pantograph Collector



Standard Pantograph Tandem Collector

