

# Conductor Bar Summary Chart

## Conductor Bar Product Lines - Manufactured in the USA

	SAFE-LEC 2	HEVI-BAR II	8 BAR	SIDE CONTACT	SAF-T-BAR	WELDED CAP
See Catalog >>	CAT1003	CAT1006	CAT1004	CAT1004	CAT1009	BRO2009
Typical Applications	Small, medium overhead cranes, moderate curves	Medium to large overhead cranes, higher speeds	Small to medium overhead cranes, tighter curves	Constrained spaces, slip ring applications, curves	Small, medium, and large overhead cranes,	Large process cranes, mass transit applications
Bar Capacity Options	100, 125, 160 200, 250, 315 400	500, 700, 1000 1500	40, 90, 110, 250 350, 500	40, 90, 110 250, 350	<b>C Series:</b> 110, 300 <b>T Series:</b> 65	4000, 6000
Max Voltage <sup>1</sup>	600	Contact Factory	600	600	600	Contact Factory
Max Speed <sup>2</sup> Ft/min (m/min)	1,200 (365)	2000 (609)	900 (274)	600 (182)	900 (274)	2,000 (609)
Bar Spacing in. (mm)	1.7 (43.2)	3.0 (76.2)	3.0 (76.2)	1.375 (34.9)	<b>C Series:</b> 1.5 (38) 2.0 (50) <b>T Series:</b> 1.0 (25) 2.0 (50)	9.0 (228)
Cover Options: Heat Ratings <sup>5</sup>	<b>Low:</b> 160 <sup>0</sup> F <b>Med:</b> 250 <sup>0</sup> F	<b>Low:</b> 160 <sup>0</sup> F <b>Med:</b> 250 <sup>0</sup> F <b>High:</b> 400 <sup>0</sup> F <sup>6</sup>	<b>Low:</b> 160 <sup>0</sup> F <b>Med:</b> 250 <sup>0</sup> F <b>High:</b> 400 <sup>0</sup> F	<b>Low:</b> 160 <sup>0</sup> F <b>Med:</b> 250 <sup>0</sup> F	<b>Low:</b> 160 <sup>0</sup> F <b>Med:</b> 260 <sup>0</sup> F <b>High:</b> 375 <sup>0</sup> F	n/a
Outdoor Rated?	Yes	Yes	Yes	No	<b>C Series:</b> Yes <b>T Series:</b> No	Yes
Dura-Coat Available?	No	Yes	No	No	No	No
Orientation (Collector Entry)	Bottom or Lateral	Bottom or Lateral	Bottom or Lateral	Lateral Only	Bottom or Lateral	Bottom, Top, or Lateral
Min Bend Radius Low-temp cover in. (mm)	60.0 (1524) <sup>3</sup>	Contact Factory	18.0 (457) <sup>3</sup> 45.0 (1143) <sup>4</sup>	9.0 (228) <sup>3</sup>	18.0 (457) <sup>3</sup>	n/a
Min Bend Radius Medium temp cover in. (mm)	60.0 (1524)	Contact Factory	57.0 (1447)	57.0 (1447)	n/a	n/a
Heater Wire Option?	Yes	500A & 1500A	No	No	No	No

<sup>1</sup> For higher voltages, contact factory <sup>2</sup> For faster speeds - contact factory. <sup>3</sup> The "easy way" (bar profile vertical) <sup>4</sup> The "hard way" (horizontal)

<sup>5</sup> 160<sup>0</sup>F = 71<sup>0</sup>C; 250<sup>0</sup>F = 121<sup>0</sup>C; 400<sup>0</sup>F = 204<sup>0</sup>C <sup>6</sup> 700A and 1000A only

### Conductix-Wampfler 800 Series Conductor Rails

Conductix-Wampfler USA also stocks 800 Series Conductor Rails. These high-performance systems are ideal for many material handling and automation applications. **Please see page 50 for a brief overview of the 800 Series Conductor Rails.** Contact Sales at (1-800-521-4888, Press 2) for more information.

Don't see what you need? Give us a call with your requirements.