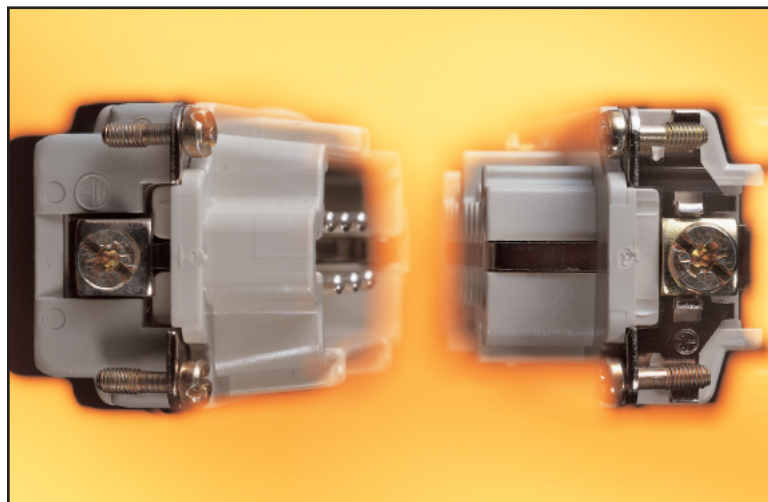


EPIC® Rectangular Connectors

HBE Series



The HBE series inserts are suitable for applications with high voltages and current. The inserts can be terminated in a variety of ways: screw, crimp, or “spring” cage clamp.



TECHNICAL DATA

Number of Contacts: 6, 10, 16, 24, 32, 48 (+PE)

Screw Termination & Crimp Termination:

Rated Voltage:	VDE: 500V EPIC® HBE 6 - 48	UL: 600V EPIC® HBE 6 - 48
	CSA: 600V EPIC® HBE 6 - 48	

Rated Current:	VDE: 16A EPIC® HBE 6 - 48	UL: 16A EPIC® HBE 6 - 48
	CSA: 16A EPIC® HBE 6 - 48	

Temperature Range: -40°C to +125°C

Cage Clamp:

Rated Voltage:	VDE: 500V EPIC® HBE 6 - 48	UL: 600V EPIC® HBE 6 - 48
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	CSA: 600V EPIC® HBE 6 - 48	
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Rated Current	VDE: 16A EPIC® HBE 6 - 48	UL: 16A EPIC® HBE 6 - 48
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	CSA: 16A EPIC® HBE 6 - 48	
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Pollution Level: 3

Dimensioning Transient: 6 kV

Termination Type:

	mm ²	AWG
Screw Termination:	0.5 - 2.5 mm ²	20 - 14

Crimp Termination:	0.5 - 4.0 mm ²	20 - 12
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Cage Clamp Termination:	0.5 - 2.5 mm ²	20 - 14
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Contacts:

Screw Termination: Copper alloy, silver plated

Crimp Termination: Copper alloy, silver plated/ gold plated

Cage Clamp Termination: Copper alloy, silver plated

Mating Cycles: 100 (higher mating cycles depending on the application)

Contact Resistance:

Screw Termination: <2 mOhm

Crimp Termination: <2 mOhm

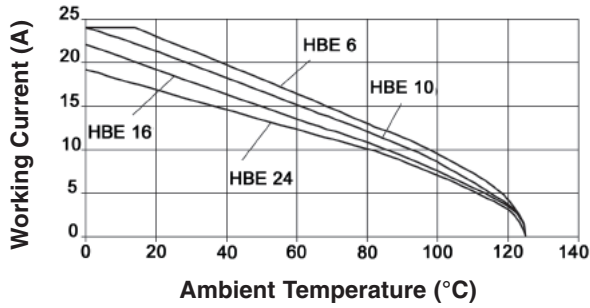
Cage Clamp termination: 1.5 - 4 mOhm

EPIC® Rectangular Connectors

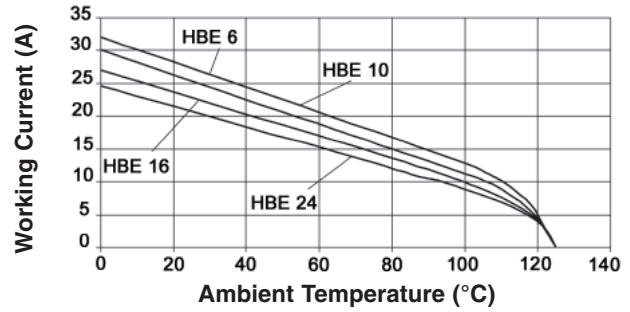
HBE Series

HBE INSERTS: DERATING CURVES

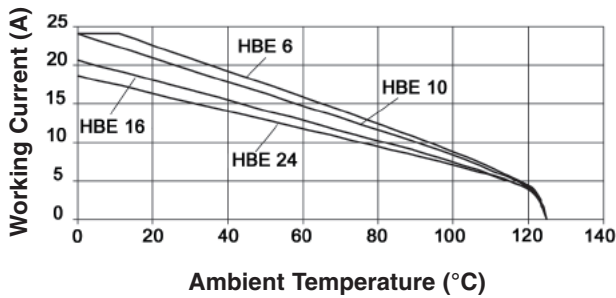
**HBE SCREW TERMINATED:
1.5 mm² (16 AWG)**



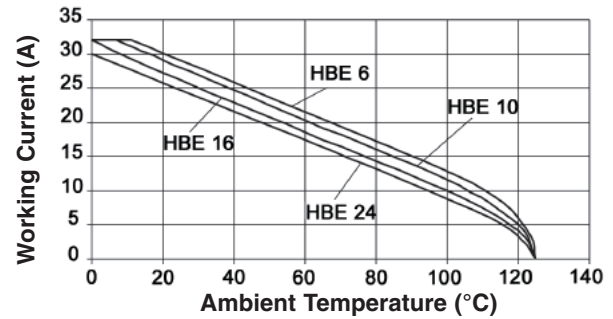
**HBE SCREW TERMINATED:
2.5 mm² (14 AWG)**



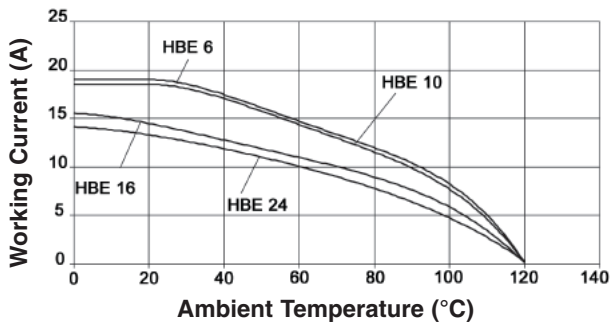
**HBE CRIMP TERMINATED:
1.5 mm² (16 AWG)**



**HBE CRIMP TERMINATED:
2.5 mm² (14 AWG)**



**HBE CAGE CLAMP:
1.5 mm² (16 AWG)**



**HBE CAGE CLAMP:
2.5 mm² (14 AWG)**

