

# EPIC® HQ Series



The EPIC® HQ 5 insert fills the gap between the smallest configuration EPIC® HA and EPIC® HD connector inserts. It provides more contacts (5+PE) in the same housing space as the EPIC® HA 3 and HA 4 inserts, with a higher current capability than the EPIC® HD 7 and HE 8 inserts (16A vs. 10A). It is ideal for applications in the transportation and automotive industries, and in many other industrial applications.

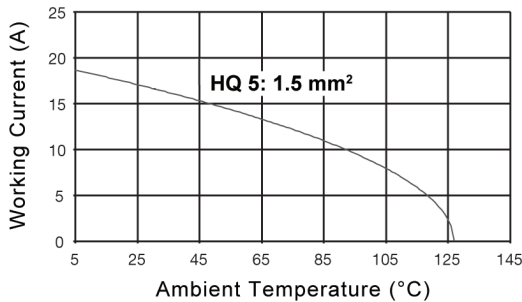
### Technical Data

<b>Number of Contacts:</b>	5 (+PE)	<b>Test Voltage:</b>	4 kV
<b>Temperature Range:</b>	-40°C to +100°C	<b>Rated Voltage:</b>	
- Short-term:	up to +125°C	- UL/CSA:	600V
<b>Pollution Level:</b>	3	- IEC:	400V
<b>Mating Cycles:</b>	- Per DIN EN 61984:2008 Service Life Test: Tested to 100 cycles and passed - Per Contact Thermal Test: Useful service up to 500 cycles is possible at rated voltage and current*	<b>Rated Current:</b>	
		- UL/CSA:	16A
		<b>Wire Size:</b>	20-14 AWG (0.5-2.5 mm <sup>2</sup> )
		<b>Contact Material:</b>	Silver- or gold-plated copper alloy
		<b>Contact Resistance:</b>	≤ 2 mΩ

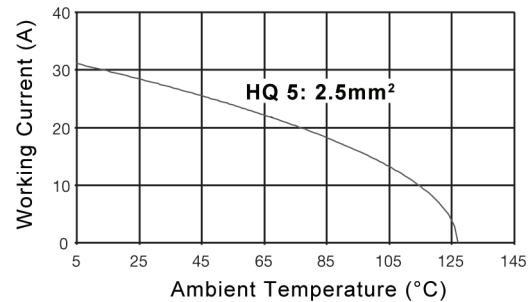
\* In dry, non-conductive, non-corrosive environments when protected in a housing rated at least IP54 and disconnected for cycling and maintenance only.

## EPIC® HQ Inserts: Derating Curves

EPIC® HQ Crimp-Terminated  
16 AWG (1.5 mm<sup>2</sup>)

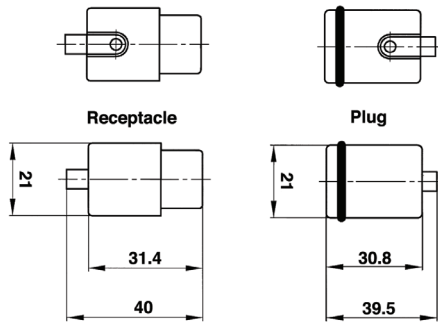


EPIC® HQ Crimp-Terminated  
14 AWG (2.5 mm<sup>2</sup>)



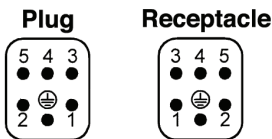
Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.

EPIC® HQ 5 Inserts  
Crimp-Terminated



All dimensions are in mm.

View from Cable Side



Contacts sold separately, see below

Approvals



Complete the Installation



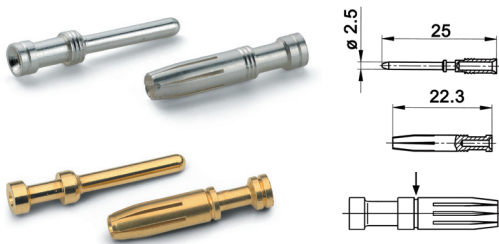
HA 3/4:  
page 400



Coding Pin:  
10436500

Description	Plug	Receptacle
Crimp-Terminated: Machined Contacts	10431500	10432500

Machined Contacts  
2.5 mm Diameter



Contact Size mm <sup>2</sup>	AWG	Stripping Length (mm)		# of Marking Tracks	Silver Contacts		Gold Contacts	
		Pin	Socket		Pin	Socket	Pin	Socket
0.5	20	7.4	7.3	—	11190000	11195000	11192000	11197000
0.75 - 1.0	18	7.4	7.3	1	11190100	11195100	11192100	11197100
1.5	16	7.4	7.3	2	11190200	11195200	11192200	11197200
2.5	14	7.4	7.3	3	11190300	11195300	—	—
4.0	12	7.4	7.3	—	11190400	11195400	—	—

Part number = 1 contact, sold in bags of 100

Complete the Installation



Crimp Tool:  
11147000



Crimp Dies:  
11147100



Locator:  
11147200



Removal Tool:  
111825000

Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.