



## Power heavy duty connector

As the professional manufacture, we would like to provide you Power heavy duty connector. And we will offer you the best after-sale service and timely delivery. Our company has each kind of machine-finishing equipment. Various machining and test equipment form several lines can produce over 800,000 couples of connectors. Our main products include PLT GX16 circular connectors, power heavy duty

connector, waterproof connectors, 5015 military connectors, M23 connectors and so on.

power heavy duty connector are used whenever there is a need for a secure, simple and time-saving assembly of machinery and facilities.

## Product Introduction

As the professional manufacture, we would like to provide you Power heavy duty connector. And we will offer you the best after-sale service and timely delivery. The power heavy duty connector could be used in many different kind of area. Such as car, sensor, led light and so on. The power heavy duty connector are used to be connected with cable, and transmit electric current. Because power heavy duty connector are widely used to connect devices in aerospace, so called air plugs, having a current through the large, solid contact, sealing performance, connectivity, excellent shielding effectiveness and other characteristics, in the civilian products applications are more widely used.

## Product Parameter (Specification)

Inserts	
Electrical data acc. To EN 61984	
Number of Contacts	10, 18, 32, 46, 40, 64 (2X32), 92 (2X46) + PE
Rated Current	16A
Rated Voltage	500V
Rated Impulse Voltage	6KV
Pollution Degree	3
Pollution Degree 2 Also	16A 830V 8KV 2
Rated Voltage Acc. to UI CSA	600V
Insulation Resistance	$\geq 10^{10} \Omega$

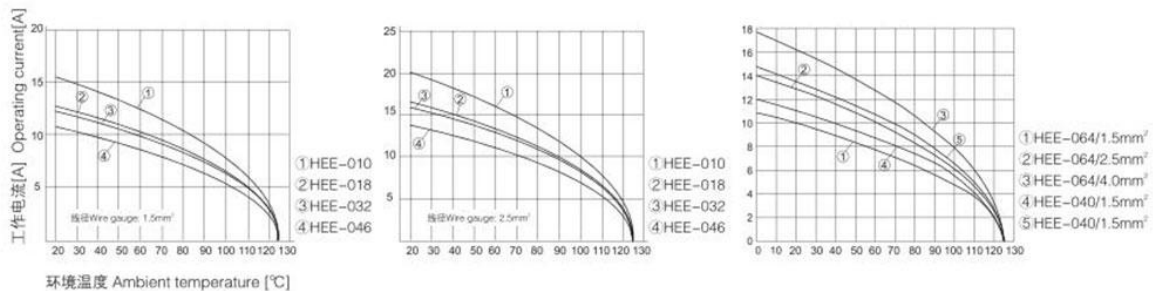
Material	Polycarbonate
Limiting Temperatures	40°C...+125°C
Flammability Acc.to (UL94)	V0
MechEEanical Working Life-mating Cycles	≥500
Contacts	
Material	Copper Alloy
Surface	Gold plated/Silver plated
Contact Resistance	≤1mΩ
Wire Gauge	0.14-4mm <sup>2</sup> /26-12 AWG
Stripping length	7.5mm

#### 电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

THEE current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.

测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



## Product Feature And Application

power heavy duty connector Features and benefits

Connections in harsh industrial environment

Robust design

High number of poles or transmission of different kinds of signals

Very good EMC protection

Power and signal transmission outdoor

Very safe locking system

## Product Details

**Heavy-duty enclosures in die-cast aluminum alloy or self-extinguishing thermoplastic**

High resistance to impact, mechanical stress and external agents

## Inserts with asymmetric guide rails

Zhejiang Sentuo Electric Co., Ltd.

TEL:+86-577-62927117

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Prevents incorrect coupling

**Riveted Stainless steel pegs on hoods, housings and covers**

Avoid corrosion, breaking and loss of IP protection

**Spring-loaded lockable metal covers**

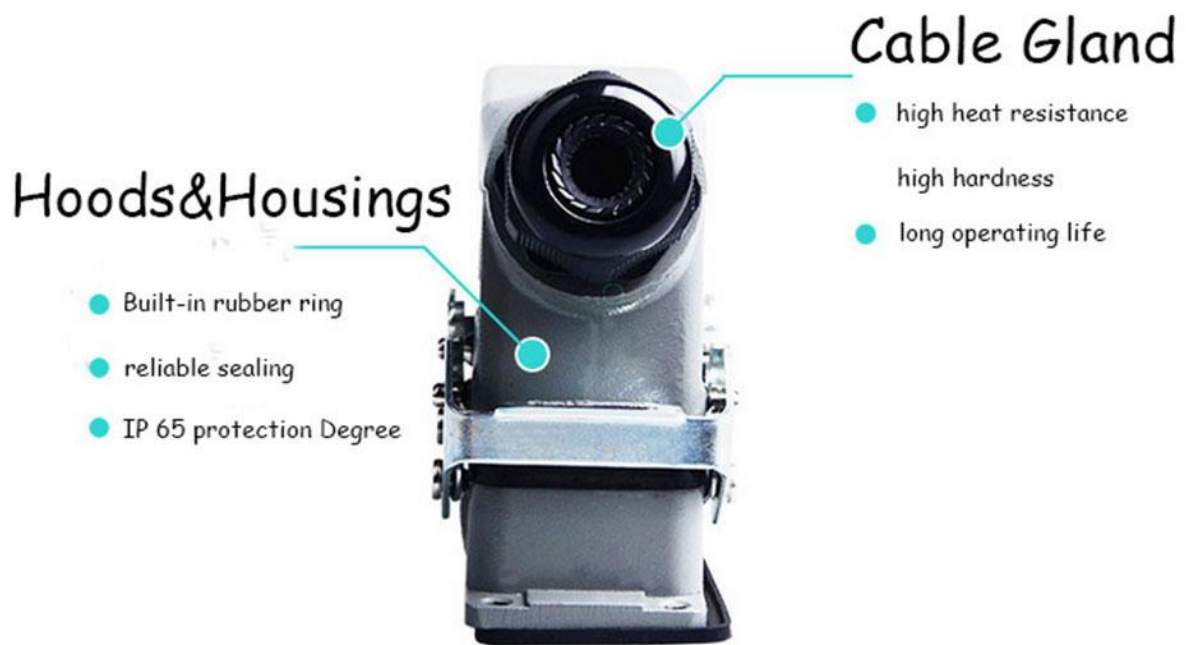
Assured coupling stability and protection against accidental opening

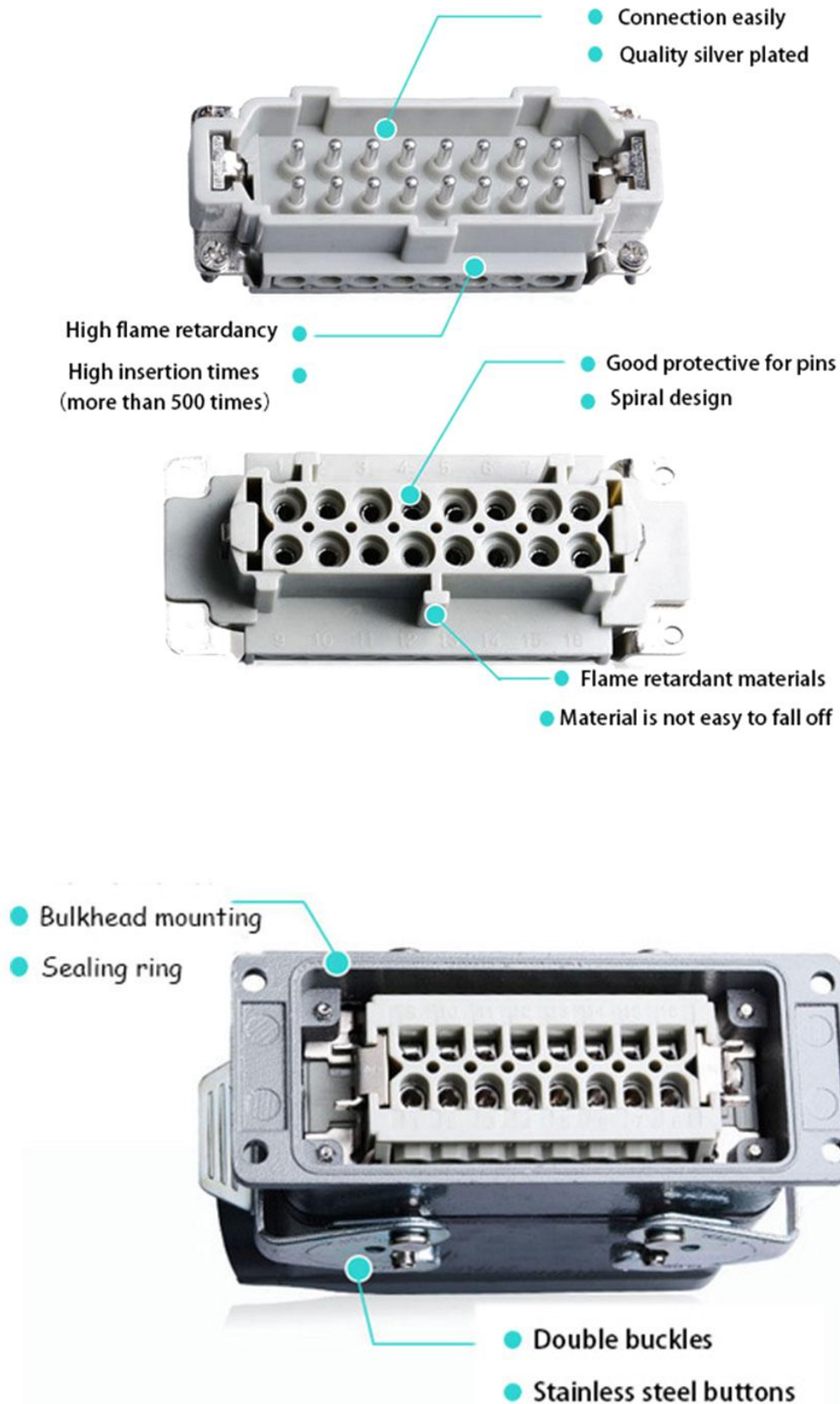
**Anti-aging, oil-resistant and fuel resistant seal gaskets**

Proven IP66 degree of protection for coupled connectors

**Wide range of cable glands and accessories**

Provides better performances, easy assembly and cost reduction





10 PINS



18 PINS



32 PINS



46 PINS



64 PINS





## Product Qualification

Our power heavy duty connector products have CE certification, and the quality is guaranteed.



## Deliver, Shipping And Serving

- Your inquiry will be replied within 24 hours.
- We offer you professional service in fluent English.
- Keep the mass production as the sample in high quality
- Freight forwarder: faster, safer, and convenient.
- Quality: we have QC on each process, provide high quality products.

Any problem or needed please feel free let us know, we are glad to service for you. We are factory, we can provide competitive price. And all the products will be shipped after quality inspection. Usually we quote within 24 hours after we get your inquiry. If you can not buy our product in your local area, we will ship a sample to you (Please contact our agent or send email to our mailbox).

## PACKAGING & SHIPPING



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### FAQ

Q1: Are you a trading company or factory?

A2: We are the factory, and we are the suppliers of 35% company in this field.

Q2: Are you able to customize the product for me?

A2: Yes, we own the professional R&D team and complete Injection molding machine.

Q3: What is the acceptable payment term?

A3: Credit Card, West Union, Paypal or T/T.

Q4: What is the package could be?

A4: We can make special design as your requirement.

Q5: What is your day capacity?

A5: 10000-20000pcs