



<https://www.sentuo-elec.com/>



Male Heavy Duty Connector

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Male Heavy Duty Connector. We look forward to cooperating with you. General Overview of male heavy duty connector SENTUO has been producing male heavy duty connectors (HDC) for over 11 years. The portfolio includes one of the very best in quality and sustainability, helping you to reduce go-to-market time. Featuring a modular design, SENTUO HDDs fit perfectly in our one-piece frame, to make installation more convenient and time-saving. Moreover, the

docking frame allows for blind mating in spaces with limited visibility and offers direct access, for easier installation, when compared to more traditional solutions. With up to 48 pins in a single module, SENTUO's HDDs provide one of the highest density in the market for maximum space saving in the application. We had 11 years experience at heavy duty connector, and We had Provided Many companies a variety of industrial solutions.

Product Introduction

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Male Heavy Duty Connector. We look forward to cooperating with you. The HDD Series of male heavy duty connector is based on the popular MIL-DTL-5015 standard and is designed to meet or exceed all of the specifications for performance and durability. Traditional threaded coupling, front-release crimp contacts, and 77 insert arrangements offer a high degree of interconnect design flexibility. In addition to the standards, the series features many specialty shell styles, backshells, RoHS approved finishes, and accessories unavailable in the mil-spec. This diverse component offering provides engineers with a wide range of options to match any application requiring a ruggedized, IP67 waterproof connector for signal and power in the harshest military environments. Screw terminal connection., Each pack contains a hood or housing, and male or female insert., All the individual components are available separately from within the relevant Ranges of inserts, hoods, and housings., All are rated at 450 – 500V, and 16A, Suitable cable glands are available separately.

Product Parameter (Specification)

Number of Contacts	24,42,72, 108,144, 216+PE
Rated Current	400/500V
Working Voltage Conductor	V0
Rated Impulse Voltage	IP65
Pollution Degree	06,10,16,24,32,48pins

Flammability Acc.to (UL94)	V0
Terminal	Screw terminal
Thread	M20/PG11
Material	Polycarbonate
Pollution Dgree 2 Also	10A 230/400V 4KV 2
Limiting Temperatures	40℃...+125℃
MecHENical Working Life- mating Cycles	≥500
Material	Copper alloy
Surface	Gold plated/Silver plated
Contact Resistance	≤3mΩ
Wire Gauge	0.14-2.5mm ² / 26-14AWG

Product Feature And Application

male heavi duti 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

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

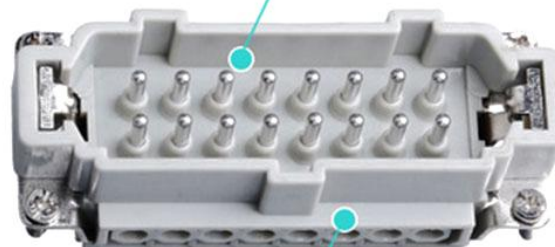
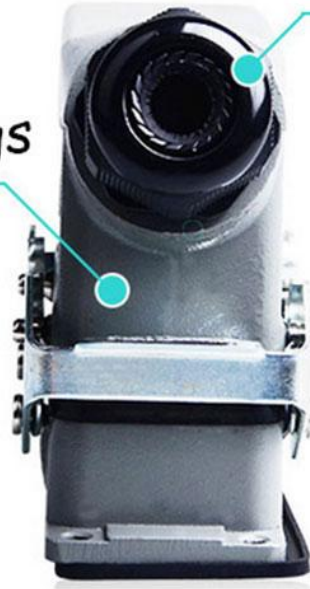
Provides better performances, easy assembly and cost reduction

Hoods&Housings

- Built-in rubber ring
- reliable sealing
- IP 65 protection Degree

Cable Gland

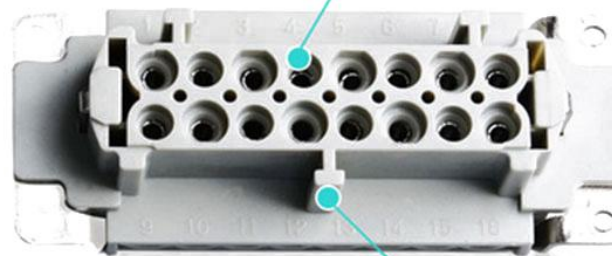
- high heat resistance
- high hardness
- long operating life



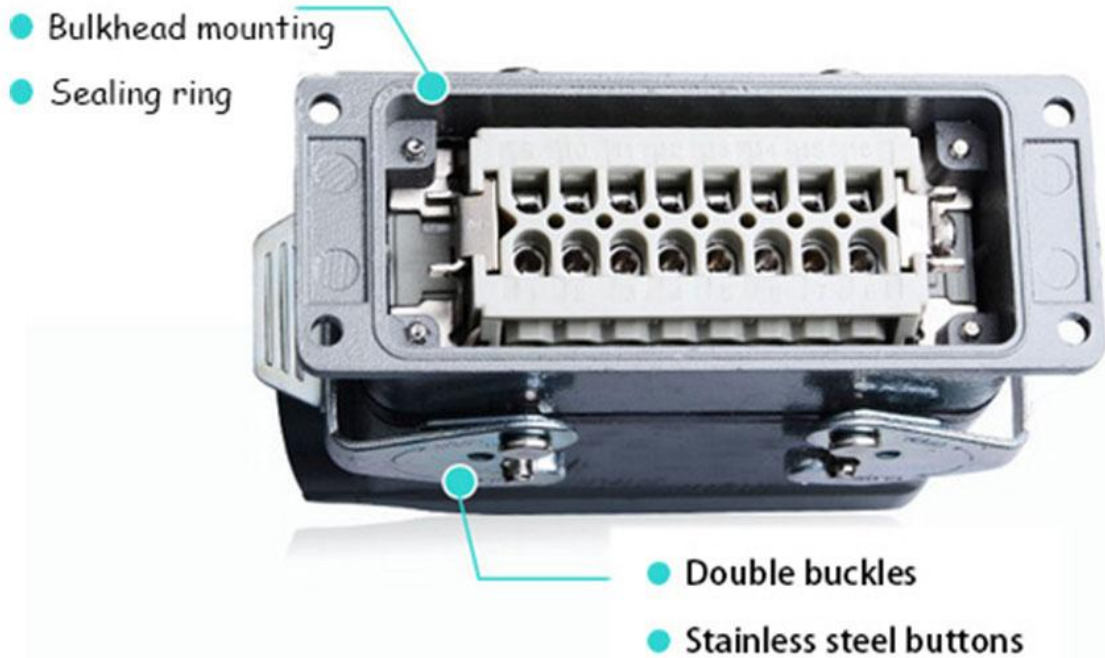
- Connection easily
- Quality silver plated

- High flame retardancy
- High insertion times
(more than 500 times)

- Good protective for pins
- Spiral design

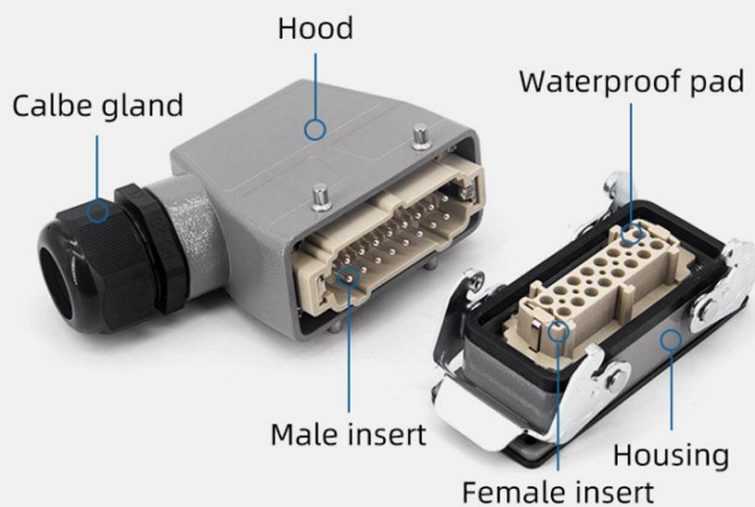


- Flame retardant materials
- Material is not easy to fall off

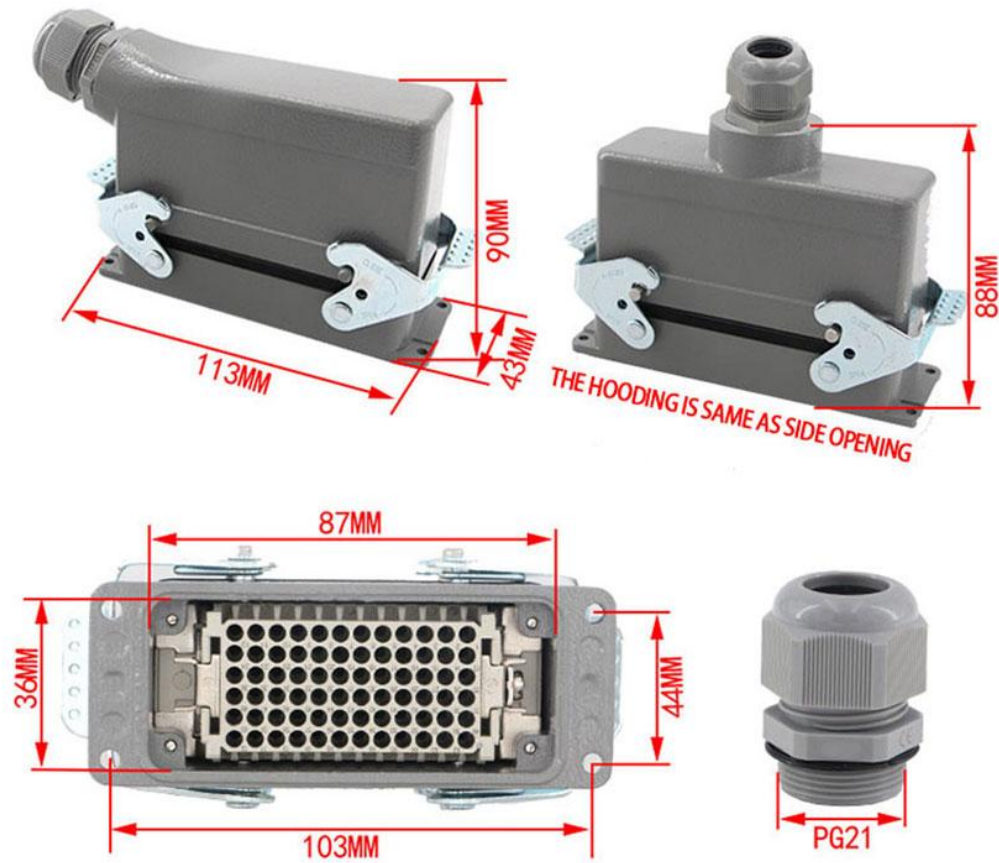


Product Analysis

Completely decompose each component



72 PINS



Product Qualification

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

Tested according to international and many national standards



6. 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



[Send message to supplier](#)



[back home](#)

7.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 owns 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