



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



10a 42PINS heavy duty connector

As the professional manufacture, we would like to provide you high quality 10a 42PINS heavy duty connector. And we will offer you the best after-sale service and timely delivery. General Overview of 10a 42PINS heavy duty connector SENTUO has been producing 10a 42PINS heavy duty connector (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. SENTUO HDDs are available with low minimum order quantities and are fully backed by SENTUO 's expert engineering support in all regions.

Product Introduction

As the professional manufacture, we would like to provide you high quality 10a 42PINS heavy duty connector. And we will offer you the best after-sale service and timely delivery. 10a 42PINS heavy duty connector is designed for demanding applications. It consists of three important components: inserts, contacts and shell.

10a 42PINS heavy duty connector is designed for demanding applications. It consists of three important components: inserts, contacts and shell. The inserts and contacts form an electrical module to provide electrical connections for the device, while the housing is made of metal or thermoplastic material, with a strong structure that can provide reliable mechanical and environmental protection for the electrical connection. The waterproof and anti-corrosion characteristics of the metal shell ensure that the 10a 42PINS heavy duty connector can work in harsh environments and meet the needs of users' outdoor connections. 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

10a 42PINS 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

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

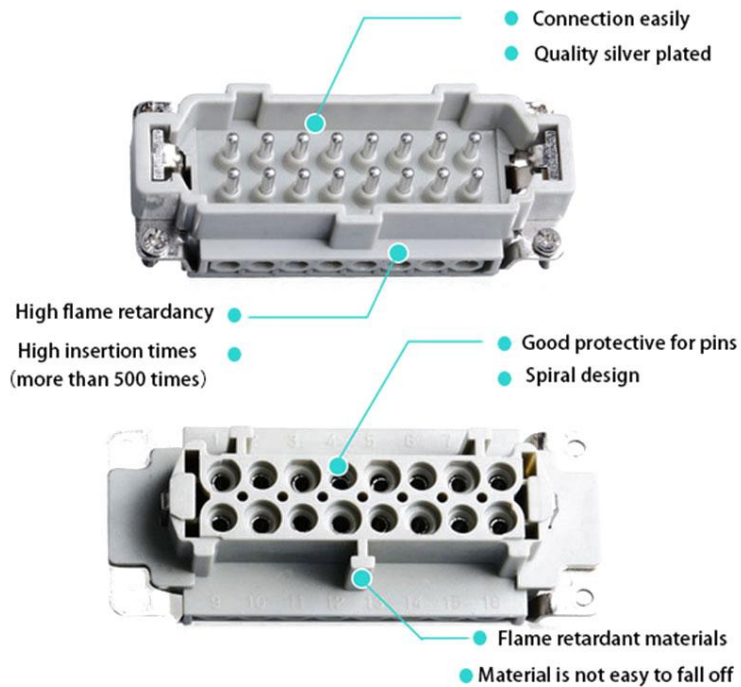
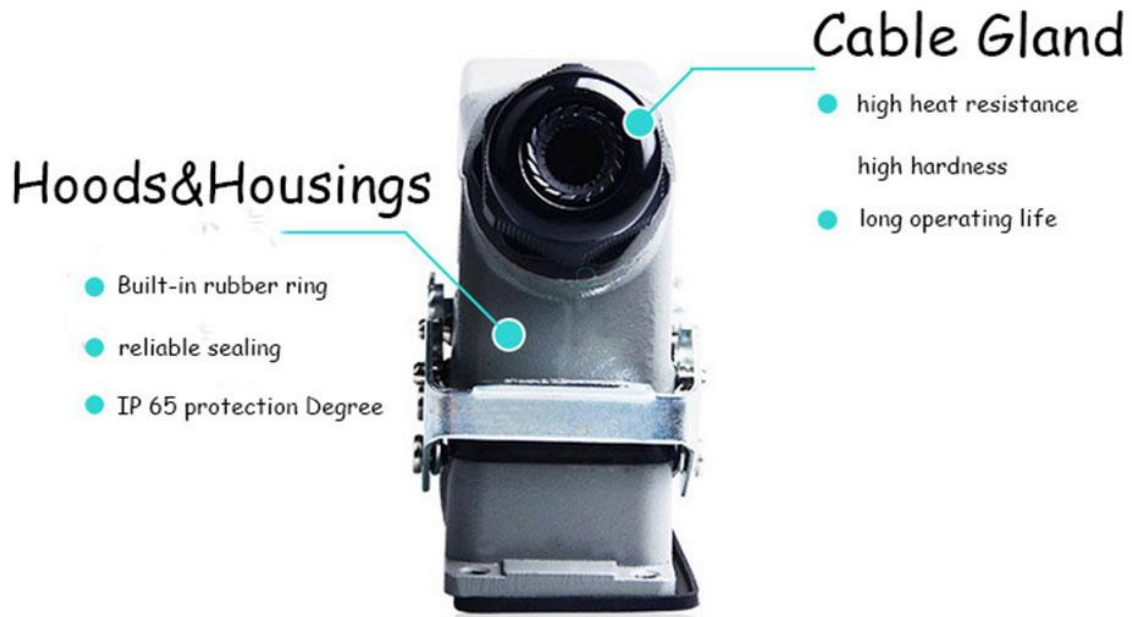
Assured coupling stability and protection against accidental opening

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



● Bulkhead mounting

● Sealing ring

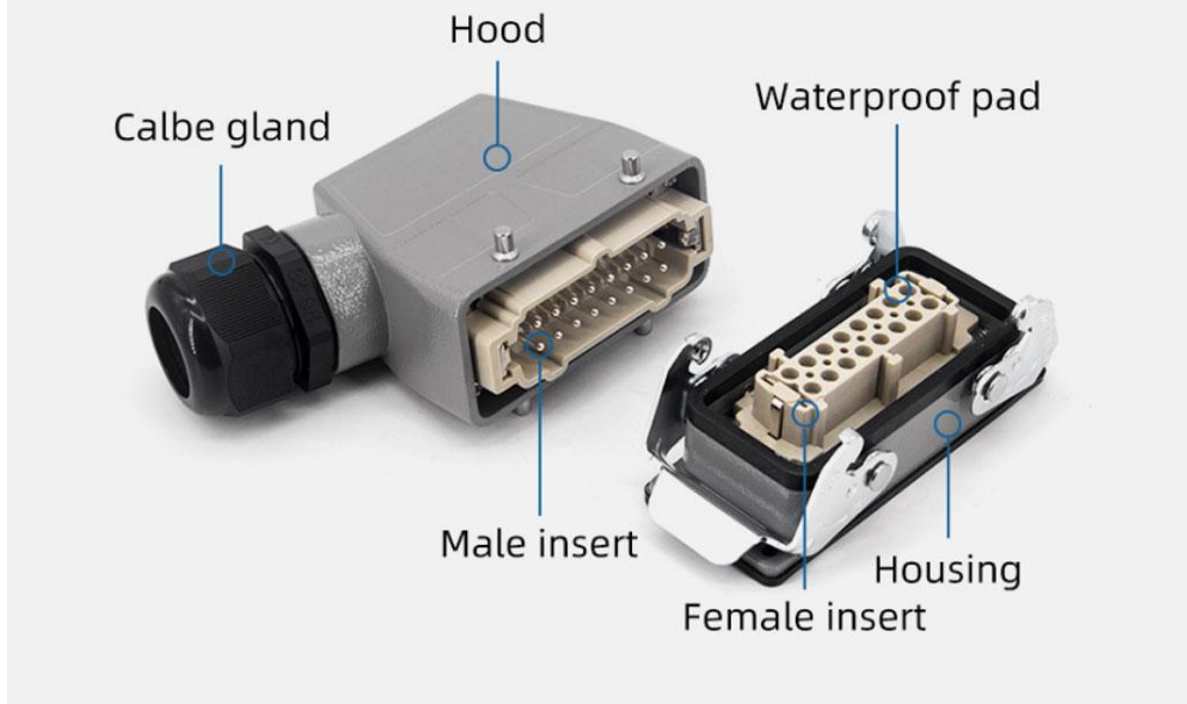


● Double buckles

● Stainless steel buttons

Product Analysis

Completely decompose each component



Product Qualification

Our 10a 42PINS heavy duty connector products have CE certification, and the quality is guaranteed.

Tested according to international and many national standards



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 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