



Sincerely looking for distributors

- Over **15** years of experience in product customization
- The company has **300** employees, Over **30** people in R&D team.
- Factory area over **24000** square meters

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**Global solution provider
of electronic connectors and I/O module**



Intelligent Digital New Factory

Construction area of 48000m²



www.ulo-group.com

Insert Type I/O Module

PUSH-IN In-Line



PUSH-IN Direct Wiring

No tools required for wiring, with installation efficiency three times faster than comparable products on the market.



Stable Design Structure

Doubles stability compared to surface-mount technology, withstands shocks and vibrations, ensuring more reliable signal transmission.

Modbus TCP EtherCAT

Status indication via LED indicator

Upgrade maintenance window

Industrial Ethernet interface

Adapter power wiring

The Din rail fasteners are designed with grooves to achieve tool-free disassembly and installation



The high performance adapter supports up to 32 modules up to 150us

High speed PUSH-IN In-Line

EtherCAT

The Din rail buckle fasteners are designed with grooves to achieve tool-free dis-assembly and installation

Status can be indicated by LED indicator

Industrial Ethernet interface

Adapter power wiring

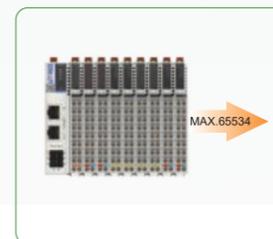
Quickly identify I/O functions with color film

2 channel branch



Faster Response Speed

The response speed of the standard through-hole type is 100μs, while the high-speed through-hole type requires only 10μs.



Expandable Modules

The adapter supports expansion of up to 65,534 modules.



Integrated I/O Module

Vertical I/O Module

EtherCAT EtherNet/IP CC-Link IE Basic Modbus TCP



Available with 16DI+16DO, 32DI, 32DO, NPN and PNP

Product Features

- Easy to troubleshoot, with removable terminals
- Easy to expand, comes with dual Ethernet ports, and modules can be cascaded.
- Use 35mm standard DIN rail strips
- Distributed Connectivity Centralized Connectivity

Horizontal I/O Module

EtherCAT EtherNet/IP CC-Link IE Basic Modbus TCP CC-Link



Digital input signal compatible with NPN&PNP

Product Features

- Quick and easy wiring Plug-in terminals enable rapid connection.
- The communication interface features a 45° degree angled design to effectively reduce stress, enhancing equipment stability and reliability.
- Compact design Height of only 43.7mm, effectively saving space.
- Indicator lights are positioned close to the channel. Channel status is clearly visible at a glance, facilitating inspection and maintenance.



IP67 Standalone Module Series

EtherCAT EtherNet/IP CC-Link IE Basic Modbus TCP



Module Number Description:

- 1 Plug and play, minute-level debugging
- 2 Standardized cables, installation time reduced by 80%
- 3 Multiple diagnostics, enabling predictive maintenance
- 4 DIP switch setting parameters
- 5 Compact in shape, requires little reserved space
- 6 Standard M12 interface, can be quickly wired

Product Features

- Waterproof Vibration-resistant
- Wide Temperature Range: -25°C to 70°C
- IP67-rated protection
- Telecommunication Diagnostics Voltage Range Diagnosis
- Protective Diagnosis
- Bus Communication Interface Power Supply Interface
- Status Indicator Standard M12 Interface



Bus Valve Island and Junction Box

Bus valve island

EtherCAT EtherNet/IP CC-Link IE Basic Modbus TCP



Product Features

 Electromagnetic valves are pluggable	 Multiple electromagnetic valve specifications available	 Complete protocol	 Stable performance
		 Small yet powerful	 Easy to install

Junction box



Product Features

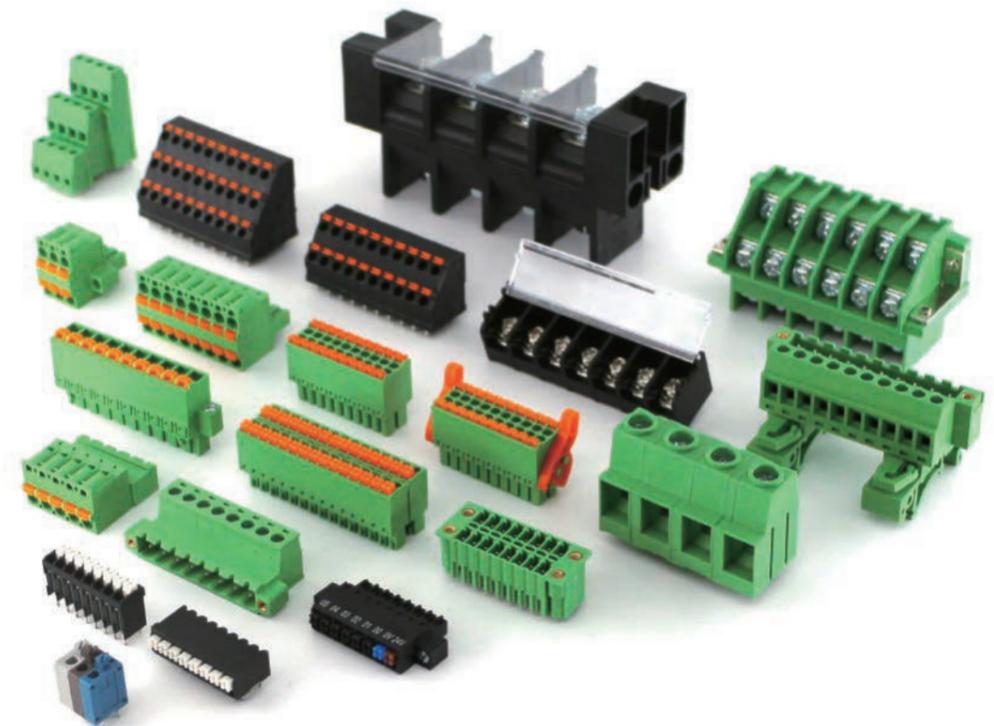
 Unified cable installation reduces time by 80%	 Standard M12 interface, allows for quick wiring	 Quickly identify models and improve work efficiency	 Multiple diagnostics enable predictive maintenance
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Terminal Block

More information

www.ulo-group.com



Field of application

Security



Industrial automation



Electric power



Rail transit



New energy



Smart building





Circular Connector

- Overmolded with cable plug
- Panel mounting
- Field assembly



● High waterproof, high vibration resistance, suitable for harsh working environments, provide customized services and supporting solutions for our customer



● Circular connectors are available in different sizes from M5 to M12 to meet a wide range of needs



● The metal shielded housing can keep signals, data and power transmission stable



● Save time with innovative connectivity solutions for all industrial equipment with standard protection classes



Heavy Duty Connector



02 Hoods
Standard or high construction, top or side cable entry, 2 or 4 locking point, 1 or 2 locking levers.

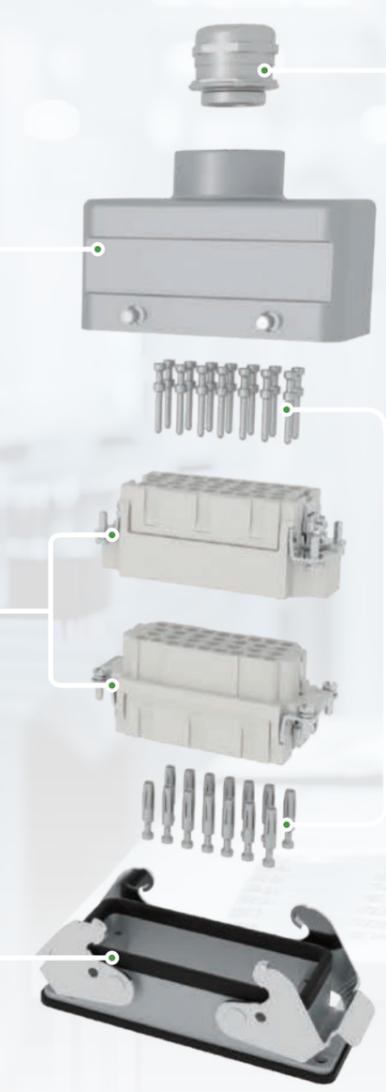
01 Cable gland
M type thread or PG type thread ,depending on wire range of cables or conductors.

04 Male insert & Female insert
Male insert with screw connection or crimp connection or cage-clamp connection or push-in connection.

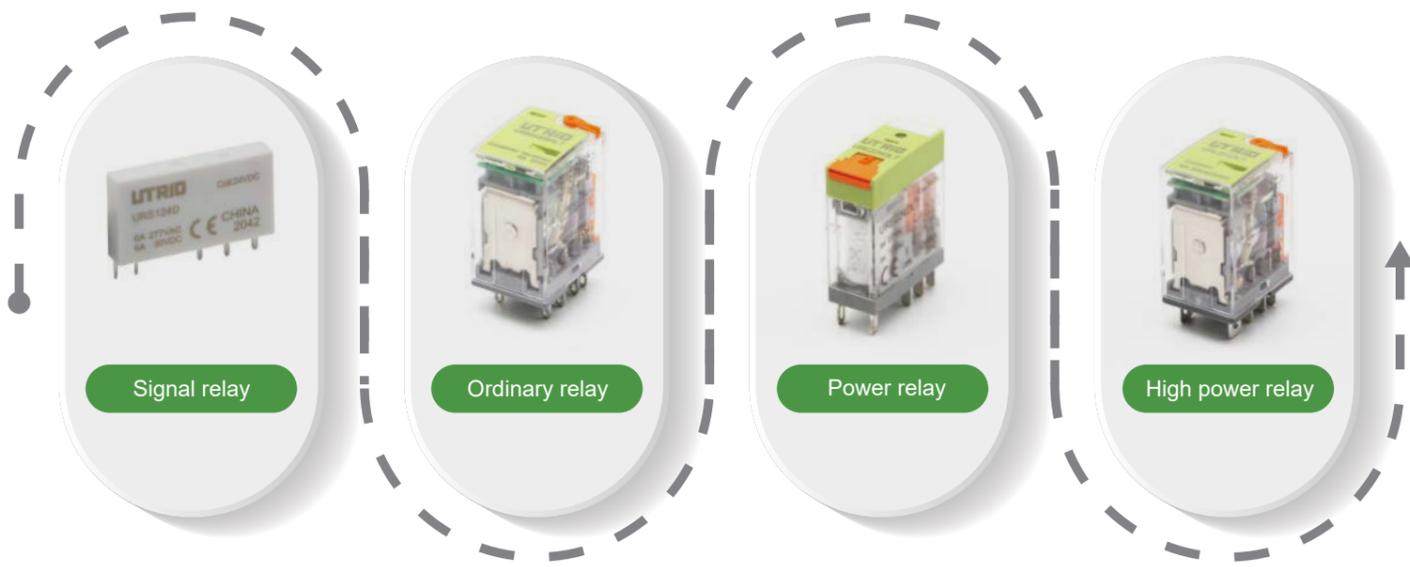
03 Male contact & Female contact
Normal material is copper alloy, silver plated or gold plated.

05 Housing
Bulkhead mounting, surface mounting or cable to cable type, with 1 or 2 locking levers and 2 or 4 locking points.

06 Accessories
Protection covers/code and guide pins for coding/tools.



Relay |



- Safe isolation between coil and contacts.
- Current flowing through contacts can up to 12A.
- Relays are available in 1 CO, 2 CO, and 4 CO, each relay can switch the contacts.
- With test button and mechanical action indicator.

Power Supply |



- General international safety range of current input:90-550VAC.
- Built-in short circuit/overload/over-voltage/over-temperature protection.
- Adjustable output voltage range.
- Built-in constant current to limit circuit.

