

EV Charger

AC EV chargers can provide convenient and safe home charging to individual user. DC EV chargers are installed in charging station for fast and safe charging of electric vehicle.



EV Charger

AC EV chargers can provide convenient and safe home charging to individual user. DC EV chargers are installed in charging stations for fast and safe charging of electric vehicles.



Charging Socket

DEGSON has Type2, Type1 and GB/T charging sockets, which comply with IEC62196, SAE J1772 and GB/T20234 standards, and can be applied in different countries and regions, compatible with different car models, and can safely and efficiently transmit electricity to the electric vehicle battery.



High Voltage Connector

High voltage connector products include: 280 series connector, 630 series connector, 1800 series connector, hole series connector, single core wall terminal, etc.



High-Voltage Wiring

DEGSON can provide high-voltage wiring harness solutions for the power battery system, electric drive system, charging system and thermal system for new energy vehicles including plug-in hybrids, pure electric, superchargers, light hybrids and hydrogen-fueled electric vehicles.

Electronic Product

DEGSON provides industrial Ethernet communication solutions, providing complete information network communication and data acquisition solutions for industrial automation control systems, DEGSON provides Fieldbus modules supporting various protocols. At the same time provide a variety of interface products Signal processing, conversion and protection.



IP20 I/O System

IP20 I/O system combines digital input / output module, analog input / output module, power supply module and special function module of different signal types according to the node needs of fieldbus. Provide PROFINET, PROFIBUS-DP, EtherCAT, Modbus / TCP and other protocols. Small size, compact structure and convenient assembly.



Unmanaged Switch

DEGSON's unmanaged switch supports 3 / 5 / 8-channel 100/1000Mbps ports and is designed for simple configuration networking. There is a dial switch, which can set QoS transmission priority and BSP functions. Aluminum shell, IP30 protection grade, supporting BaseX SFP ports. Wide power input, rail installation.



Relay Series

Relay & relay module is used in automation, elevator, PLC control box, etc. It is an electronic component with integrated design. It is characterized by small size and neat wiring. DEGSON can provide power relay, subminiature relay and solid-state relay module. To meet the needs of different PLC and control systems.



Industrial Power

DEGSON provides a green power supply with strong anti-interference ability and energy saving. The power supply has compact structure and standard guide rail installation, saving space in the cabinet for customers.

Heavy Duty Connector

Heavy-duty connectors have screw type, crimp type, spring type and axial connection type products etc. It can meet electrical and signal connection in different fields and situations. It is mainly used for electrical and signal connection between different equipments and functional units. Rich combination methods can simplify the wiring difficulty and ensure the wiring accuracy even in complex applications.



E-bike Connector

EBIKE connector series incorporate circular power connector, rectangular power connector, signal transmission connector, motor connector, as well as the charging port, interconnection solution and so forth. These products can realise the power and signal connecting among the different equipments in the whole vehicle. The products have been the design benchmark of connectors in this industry with the characteristics of large carrying current and high reliability. In addition to that, it's well known about the long service life and high waterproof grade in this field.



Push Button

DT series push button adopt advanced fastener-free self-locking connection, with reliable contact, efficient and fast disassembly; the product anti-vibration and shock performance is stronger. The product design and development meet IEC60947-5-1, GB/T14048.5 and other standard requirements, which can be widely used in machinery manufacturing, railway, elevator, electric power, wind power and other industries.

DFUL Series Filter

Electromagnetic compatibility filter can limit the high-frequency interference voltage and current generated by equipment during normal operation and under fault conditions. Using our EMC filter can ensure smooth operation even in the disturbed environment.



DSPT Series SPD

Surge protector, which effectively protects the system from transient overvoltage, combines internal and external lightning protection to create an effective lightning protection solution to protect the power supply, data and signals in the system. Our products have a complete range and a variety of reliable surge protectors to choose from, which is the best choice for building an internal lightning protection scheme.



Marking System

Degson marking system, providing a complete solution for industrial site identification case. Our thermal transfer printers and laser printers provide customers with Terminal blocks marker, Cable marker, Device marker Printing Service.



Smart Laser

- CLASS 1 laser standard based on IEC 60825.
- With consumable conveyor belt, printing efficiency is higher.

DEGSON is a global manufacturer of industrial and new energy connectors, providing customized solutions for customers

DEGSON
DEGSON PTE. LTD.

Add: 2 Venture Drive #08-07 Vision
Exchange Singapore 608526
www.degson.com

The catalog is for reference purpose only and details are based on company's specifications

Q-FLEX

Avantintie 7, FI-21420 Lieto, Finland
+358 2 4894 500
info@q-flex.fi | q-flex.fi

Product Overview



ISO9001 ISO14001 ISO45001 ISO80079-34 ISO/TS22163 IATF16949



Brief Introduction

Founded in 1990, DEGSON is a global leader in integrated industrial connectivity and new energy solutions, with UL-CTDP, VDE-TDAP and CNAS approved laboratory. DEGSON has passed ISO9001, ISO14001, ISO45001, ISO80079-34, ISO/TS22163 and IATF16949 Management System, and is a national high-tech enterprise.

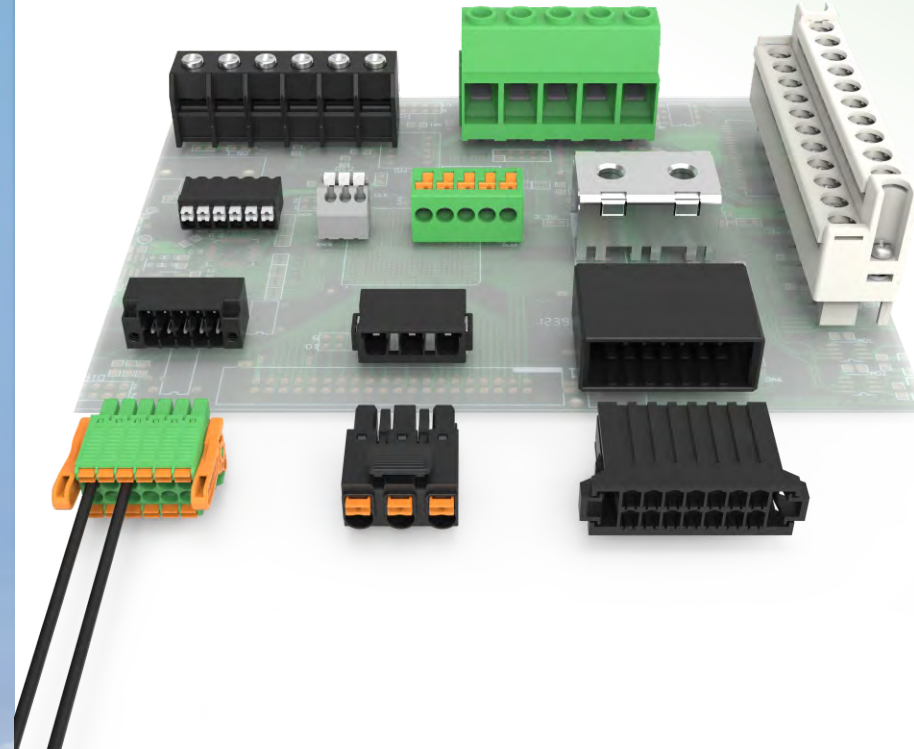
DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Japan, South Korea, Singapore, etc. totally hundred countries and regions. DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, elevator, lighting, security, machinery, E-bike industry, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

Based on the business philosophy of "Clients First, Win-win Strategy, Responsibility Integrity, Excellence Pursuit.", DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.

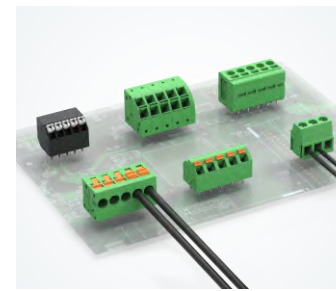


Terminal Blocks

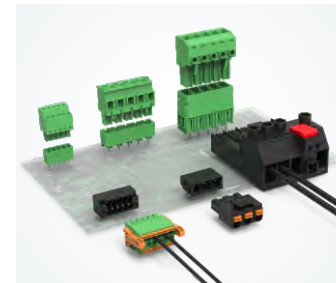


Terminal Blocks

DEGSON has a full range of high performance connector series used for device connection, including PCB Terminal Blocks, Barrier Terminal Blocks and Pluggable connectors, Through-wall connectors used for internal and external connection of the device. With general screw connection technology and innovative spring connection technology, Degson can provide solutions for signal, data and power transmission for various applications.



PCB Terminal Blocks
Suitable for 0.08-35mm² conductor, screw or spring connection technology. Wave soldering, reflow welding can be applied.

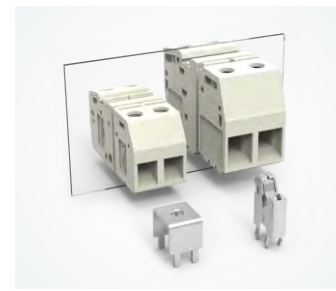


Pluggable Connectors
Suitable for 0.08-10mm² conductor, current up to 76A, using pluggable structure, flexible in installation and convenient in maintenance.



Barrier Terminals
Current up to 500A. Using screw wiring, safe and reliable. Can be used with different types of crimping terminal like OT, DT.

For detailed products information, please visit www.degson.com



Metal Parts
Current of Metal Parts up to 350A, which are simple and reliable. The Through-wall Terminal Blocks are installed through a panel to achieve electrical connection between the inside and outside of the device, current up to 230A.



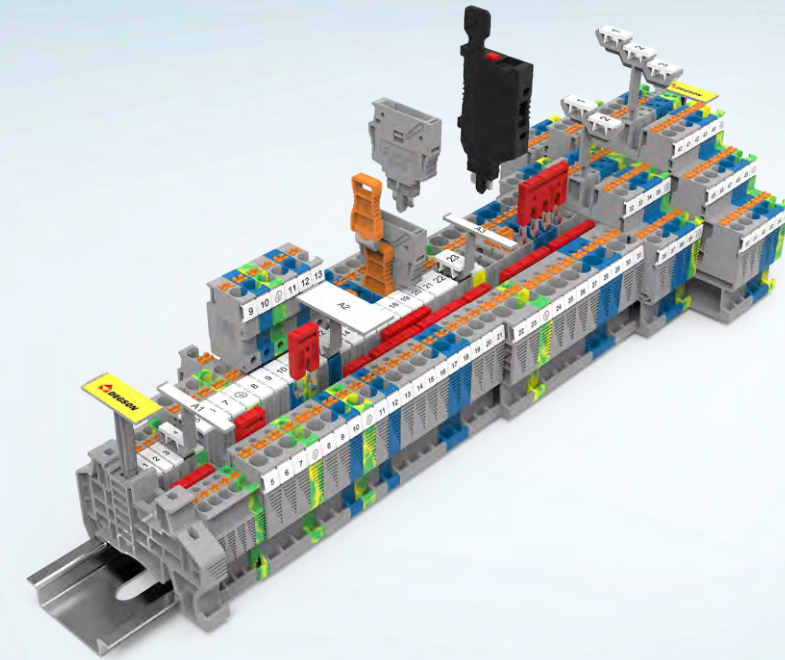
Building Connectors
Suitable for buildings, lamps, junction boxes and other applications. Compact design, flexible to use, safe connection of all types of conductors.



Data Connector
Provide stable and fast data transmission to ensure the accuracy and completeness of data.



DIN Rail Series

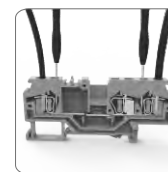


DIN Rail Series

DIN rail products are divided into four series: Push in direct insertion (DS), pullback (WS, STB), screw type (PC, DC, DHV), and bolt type (BS). The wiring methods are Push in wiring, screw type wiring, cage type (pullback) spring plate wiring, and bolt type wiring. The product design complies with international standards such as IEC/EN60947, UL1059, CSAC22.2 NO.158, etc. The products are widely used in industries such as industrial automation, mechanical manufacturing, power and electrical, rail transit, and new energy.



Push in rail terminal
DS straight through guide rail end, using push in connection technology, wiring does not require tools. The DPD power supply series provides customers with more choices. Equipped with test holes for easy circuit testing. The wiring range is 0.14-16mm².



Cage style spring rail terminal
Adopting cage type (pullback) spring clip wiring, it has good seismic performance. The WS series micro terminals save more space. The STB series provides a larger range of wiring capacity with the same specifications. The wiring range is from 0.2-35mm².



Screw type rail terminal
Screw type rail terminal DC steel nail type ensures excellent air tightness. PC copper nail type provides long-term protection in harsh environments. DHV kV terminals are suitable for high-voltage power applications. Wiring range: 0.2-95mm².



Bolt type rail terminal
BS bolt type terminal block adopts bolt connection technology, with a closed structure at both ends and a detachable flip cover for finger protection, ensuring safety and reliability. Connect wires with a diameter of 2.5-150mm².

For detailed products information, please visit www.degson.com



Circular Connector



Circular Connector

Circular connectors have a wide range of products. Adopt advanced technology to save more installation time. Molded case, high IP class, safe for on-site assembly, screw type, soldering type, crimping type and other connection methods are available. Shielded parts are optional to prevent signal interference, and can be used for data transmission of different facilities. It is suitable for general networks and field-bus.



M5-M12 series
A complete product range of compact housing, a variety of installations, 360° shielding optional, high protection degree, provides professional and reliable transmission with signal, data and power supply, can be applied to most industrial fields.



M8/M12 series
M8, M12 data connector, suitable for many protocols (ProfiNet, EtherNet, CC-LINK and other protocols), 360° full shield, IP67 high protection level, support gigabit transmission.



Servo connector
High protection degree, excellent vibration resistance, easy installation, suitable for high temperature and high frequency vibration environment, to provide professional and reliable transmission quality of signal and power supply.



M23 series
M23 circular connector is popularly used in motor, encoder, robot and other automation fields. The products can be used for both signal and power supply purpose.

For detailed products information, please visit www.degson.com



Energy Storage Connector/Photovoltaic Connector



Energy Storage Connector

DEGSON has launched the 5A-600A series of connectors for optical storage systems, mobile energy storage, and other fields, covering products such as power transmission, communication signal transmission, battery maintenance switch MSD, etc. The product design complies with UL and TUV standards, providing you with safer and faster connections!



Photovoltaic Connector

Photovoltaic connectors are used to connect components of inverters and other components. Degson provides photovoltaic connection solution from photovoltaic panels, DC wiring system, and inverter to AC grid-connected system, etc.



High current series
• Product coverage: 50A-450A.
• UL and TUV certification.



Stacked connector
• Low current and high voltage.
• Floating design, compensating for errors.
• Modular combination, flexible matching.
• Integrated guiding structure, capable of withstanding higher impact forces.



MSD series
• Support optional installation of fuses.
• Possess UL and TUV certifications.
• Equipped with secondary unlocking function.



Communication Connector
• Satisfy 12 pin/18 pin wire harness.
• High efficiency: Fast connection and disconnection in the field.
• Space saving: High product integration, small space.
• High protection: With IP67 waterproof performance.



Communication series
• Three specifications of 8, 12, and 24 pin.
• Possess TUV certification.



AC Connector
• Voltage: 600V Current: 65A, number of pin: 5/10 pin.
• Secondary tool unlock, Prevent mispull, safer use.
• Plug and play: snap unlock mode, easy connection.
• Customizable waterproof shell: Diversified customer usage scenarios.

For detailed products information, please visit www.degson.com