



## Brief Introduction

Founded in 1990, DEGSON is a global solution provider of electrical, electronic and industrial connectors. As a National High-tech enterprise, DEGSON owns the UL and VDE certified laboratory. The company achieved ISO9001, ISO14001, ISO80079-34, ISO/TS22163 and IATF16949 management system certifications.

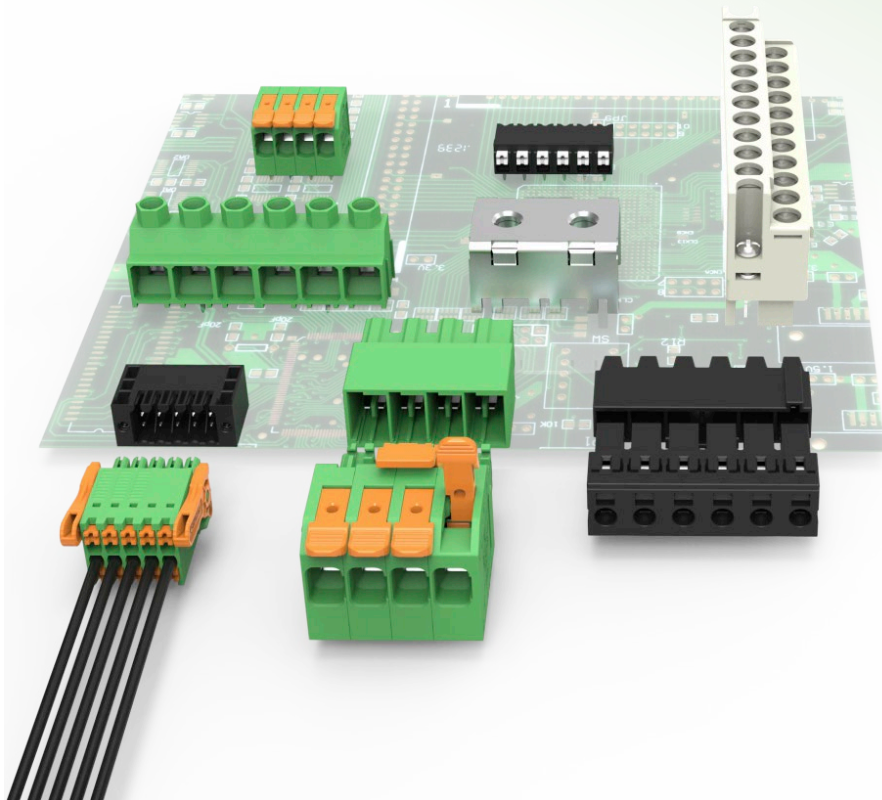
DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization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

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Russia, 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, E-bike industrial elevator, lighting, security, machinery, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

Based on the business philosophy of “pragmatic innovation, responsibility, integrity, harmonious development, regulation and win-win”, 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.

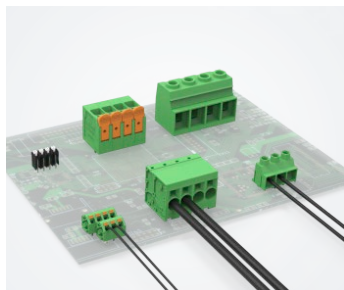






## PCB connectors and PCB terminal blocks

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.



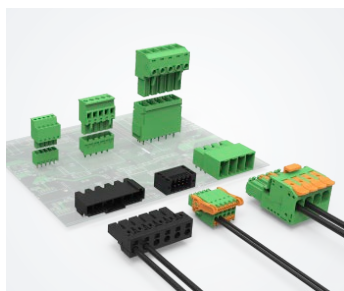
### PCB Terminal Blocks

Suitable for 0.08-35mm<sup>2</sup> conductor, screw or spring connection technology, installation can use wave soldering, reflow welding.



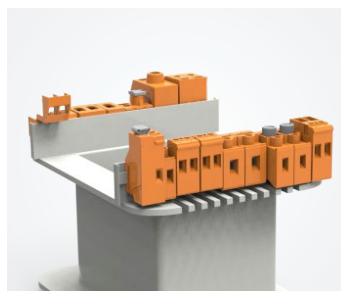
### Metal Parts

Spring or screw connection is optional, rated current ranges from 15A to 269A, superior in durability, temperature performance.



### Pluggable Connector

Suitable for 0.08-10mm<sup>2</sup> conductor, incoming wire direction, connection direction, insertion and pullout direction is optional.



### Transformer Terminal Blocks

Specially tailored for transformer devices, easy installation and firm screw connection.



### Barrier Terminals

The connection of barrier terminal blocks is straightforward and can be used with different types of crimping terminal.

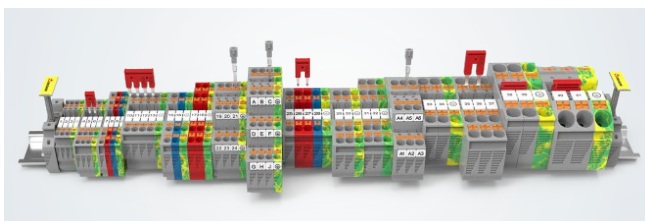
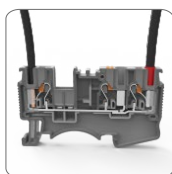
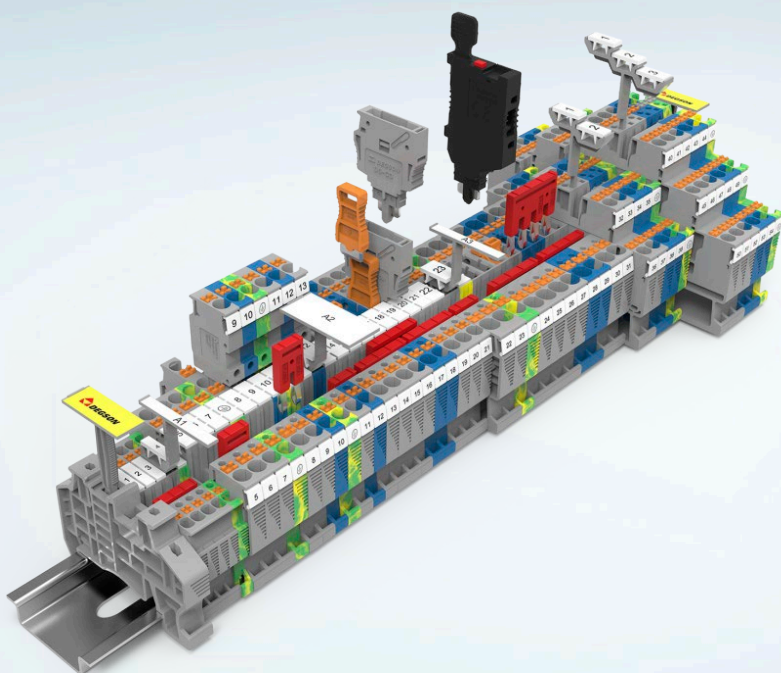


### Through-wall Terminal Blocks

Wire can easily pass through the housing panel to clamp together, tools free, thus realizing the electrical connection inside and outside the device.

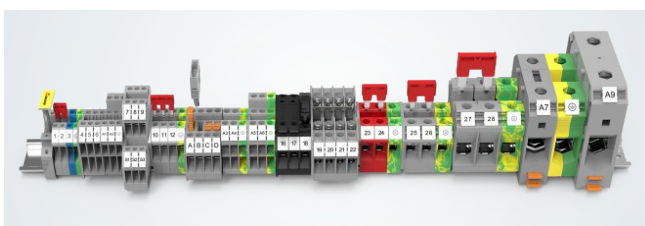
## DIN Rail Series

DIN rail products have DS, DC, WS and PC types, totally 4 series. Push-in type, Steel cage type, cage clamp type and brass cage type connections are available, products designed conform to IEC/EN60947, UL1059 and CSA C22.2 NO.158 International standard etc.. It is widely applied in Industrial Automation, Electric Power, Rail Transport and New Energy industry etc..



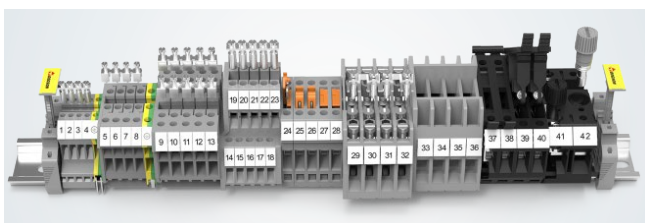
### DS series

With nickel-chromium stainless steel springs, excellent corrosion resistance. Anti-vibration, Anti-loose, maintenance-free. Push-in connection for fast wiring. Wire cross-section range from 0.14mm<sup>2</sup> to 16mm<sup>2</sup>.



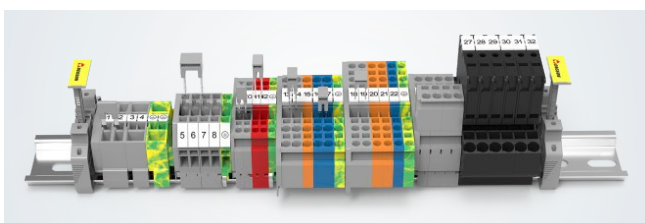
### DC series

Steel cage structure, excellent contact force, Sn plated copper alloy conductor to ensure low contact resistance and good air tightness. Wire range is from 0.2mm<sup>2</sup> to 95mm<sup>2</sup>.



### PC series

Brass cage structure, suitable for harsh environments applications such as humid, salt mist. Wire range is from 0.2mm<sup>2</sup> to 95mm<sup>2</sup>. Fuse type and other functional terminal blocks are available, low voltage drop.



### WS series

Suitable for solid wire, stranded wire, fine-stranded wire, fine-stranded wire with ferrule or immersion-Tin wire. Wire range is from 0.2mm<sup>2</sup> to 35mm<sup>2</sup>.



## 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.



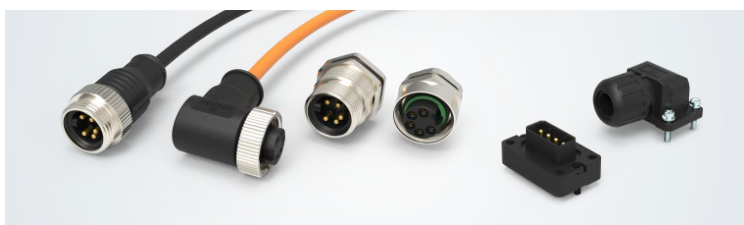
### M5~M12 series

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.



### 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.



### 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.



### Energy storage connector

Comply with the standard UL4128, color-coded and mechanically coded design for "+" and "-" poles, IP67 protection level, hand-proof design to the socket avoiding electric shock, 360° rotated plug meets different wiring demands, Four connection types: Busbar, screw, crimp, Busbar with screw.

## 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.



### DA/DQ compact series

Small size, compact structure and save space.

Rated current	Rated voltage	Pins number
10A/16	250V/400V	1-32 Pin



### DE/DEE standard series

Multiple connection methods, can be used in different working conditions, easy to install and maintain.

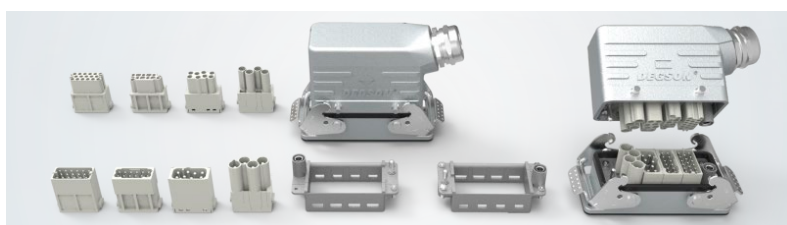
Rated current	Rated voltage	Pins number
16A	500V	1-92 Pin



### DD/DDD high density series

Provide highly integrated connection, massive and complex circuits pre-installation are available, greatly improve work efficiency and reduce installation costs.

Rated current	Rated voltage	Pins number
10A/16	250V/400V	1-32 Pin



### DK/DM combination series

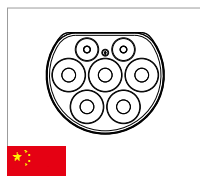
Modular design and rich combination, greatly improve the utilization of space.

Rated current	Rated voltage	Module number
Maximum current 200A	Maximum voltage 1000V	12 Standard modules



# 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.



Chinese standard(GB)



GB/T AC Charger for vehicle

Voltage&Current	250V/440V	16A/32A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
IP Class	IP55	



GB/T AC Charger for power supply

Voltage&Current	250V/440V	16A/32A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
IP Class	IP55	



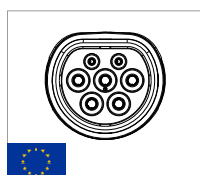
GB/T DC Charger for vehicle

Voltage&Current	750V/1000V	125A/250A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
IP Class	IP55	



GB/T AC supply Socket

Voltage&Current	250V	16A / 32A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
NEMA	IP55	



European standard



Type 2 AC Charger for vehicle

Voltage&Current	250V/440V	16A/32A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
IP Class	IP55	



Type 2 AC Charger for power supply

Voltage&Current	250V/440V	16A/32A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
IP Class	IP55	



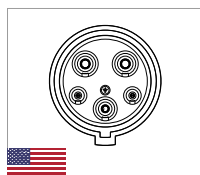
Type 2 AC Socket-Outlet

Voltage&Current	250V/480V	16A/32A
Resistance	$\geq 5M\Omega$	500V DC 1min
IP Class	IP54	



Type 2 AC EV-Park

Inflammability class	UL94V-0	
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American standard



Type 1 AC Charger for vehicle

Voltage&Current	250V	16A, 32A, 40A
Resistance	$\geq 5M\Omega$	$\leq 0.05m\Omega$
NEMA	3S	



Type 1 AC EV-Park

Inflammability class	UL94V-0	
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Type 1 AC EV-Park

Inflammability class	UL94V-0	
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## 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.



## 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.



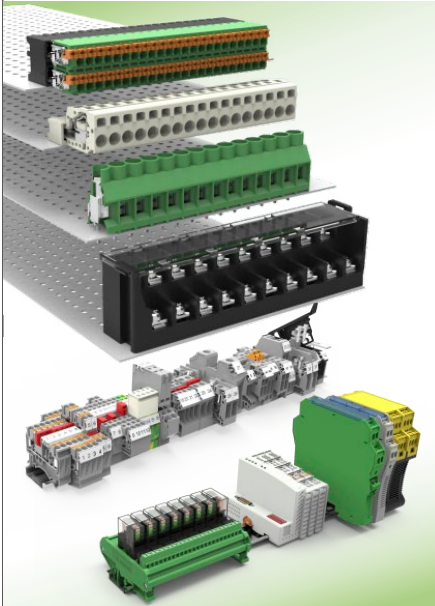
## Customer-Specific Electronics

DEGSON has a comprehensive, integrated platform that provides customers with customized solutions.





### Terminal Block



NINGBO DEGSON ELECTRICAL CO., LTD.  
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949



### Circular Connectors



NINGBO DEGSON ELECTRICAL CO., LTD.



### Heavy Duty Connector



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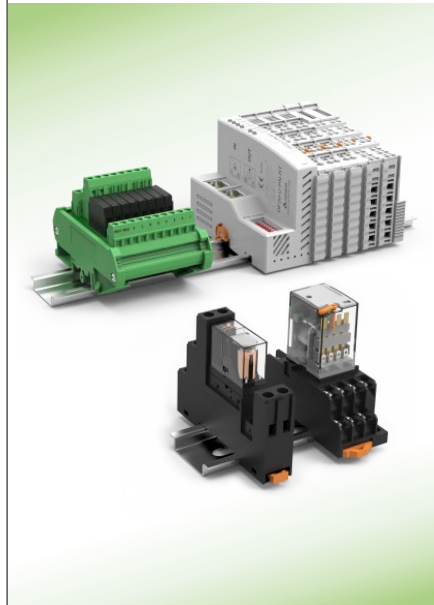
### EV Charging Cable



NINGBO GAOSONG NEW ENERGY TECHNOLOGY CO., LTD.  
IATF16949



### Electronic Product



NINGBO DEGSON ELECTRICAL CO., LTD.  
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949



### Customized Product



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