



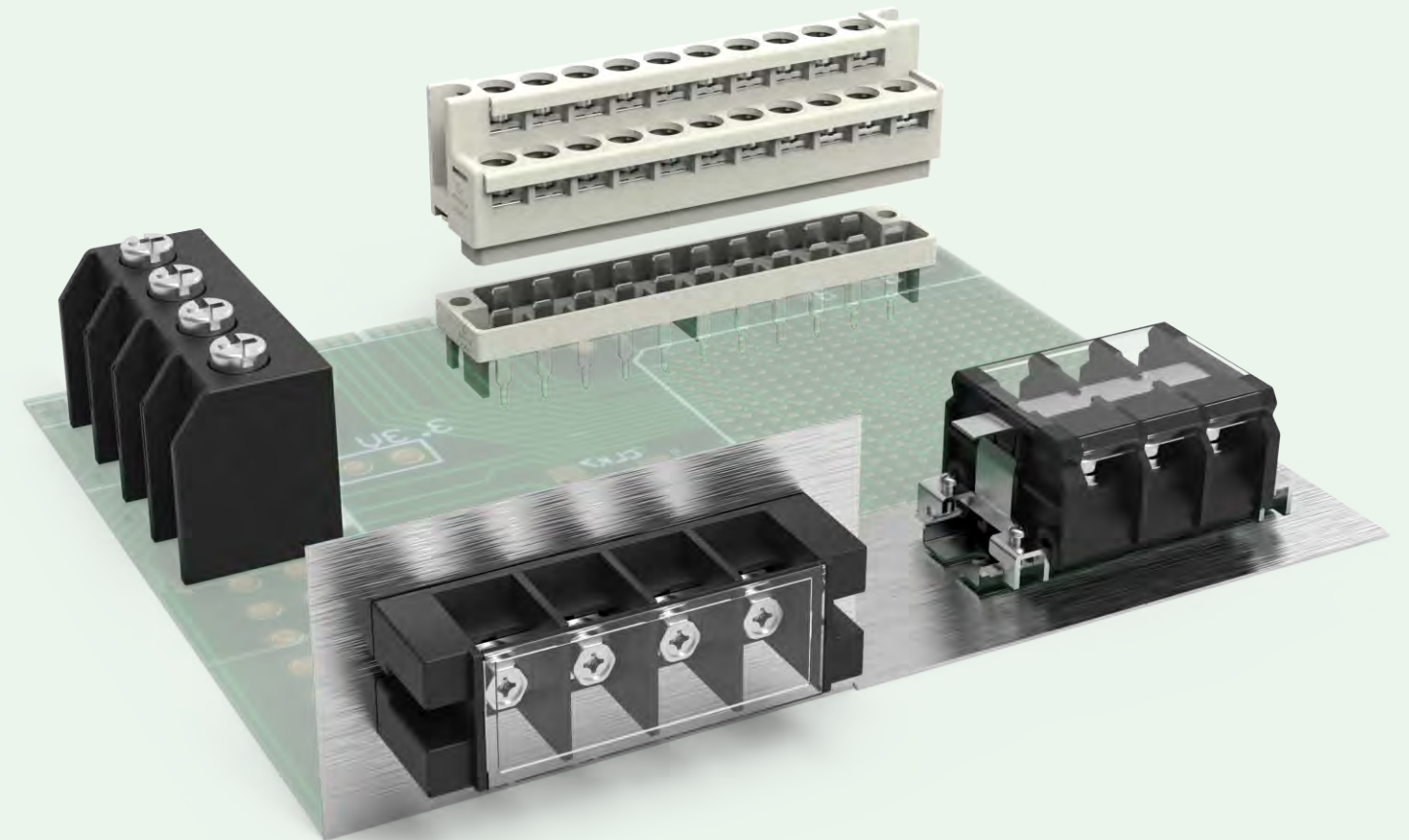
Barrier Terminal Blocks



DEGSON website



LINKEDIN



Barrier Terminal Blocks

DEGSON PTE. LTD.

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

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BR 25-CE01

ISO9001 ISO14001 ISO45001 ISO80079-34 ISO/TS22163 IATF16949      

Brief Introduction

Founded in 1990, DEGSON is a world-renowned provider of comprehensive solutions for industrial and new energy connectors, 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.



UL-CTDP (USA), VDE-TDAP (Germany) and CNAS laboratories

Strategic cooperation with UL and VDE



① The general manager of UL global energy & technology division visit our company



② Sven Ohrke, President of VDE global services, discusses mutual strategic cooperation in DEGSON



③ VDE Laboratory Accreditation: In July 2010, VDE issued the "VDE Authorized Laboratory" certificate to DEGSON laboratory.

UL laboratory accreditation: UL formally issued "UL WTDP" certificate to DEGSON in March 2013.

In April, 2016, UL-CTDP.

In December, 2016, VDE-TDAP.

In January, 2017, Pass IRIS system audit.



ISO9001



ISO14001



IATF16949



ISO/TS 22163



UL - CTDP



VDE - TDAP



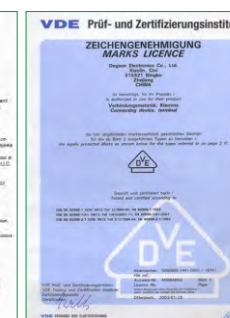
CNAS



EX certificate



UL Certificates:10,Covering 4000+Products



VDE Certificates:175,Covering 3000+Products



TUV certificate



European invention patent

DEGSON Global Production Base and R&D Center



China site



High-tech zone site



Vietnam site



Nanjing R&D Center



Luoyang R&D Center

DEGSON products are very popular more than 100 countries and areas.



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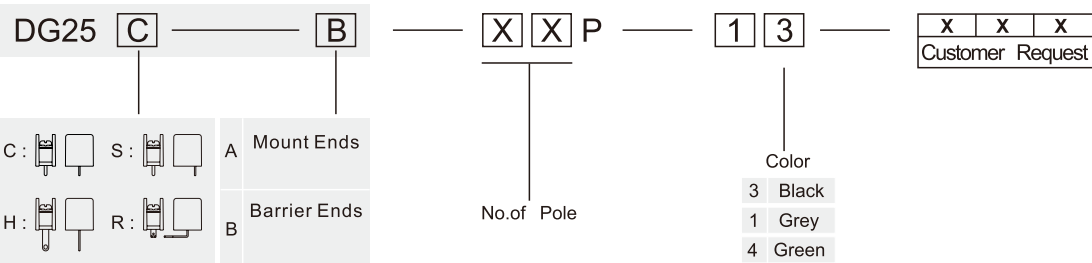
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HOW TO ORDER



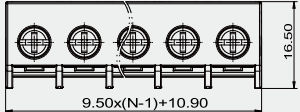
The catalog is only for reference, and the detailed data must be based on our company's specification!

New Product Release ▶▶▶

DG46SU



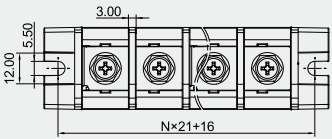
No screw loosening required, reducing wiring time by 60%, and preventing screws from falling off or being lost. IP20 Protection Rating.

Category	DG46SU		
Use group	B	C	D
Rated voltage	300	300	300
Rated current	30	30	10
Wire range	22-10		
Withstanding voltage	AC1600V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA66+GF,UL94V-0		
Terminal	Copper alloy,Ni plated		
Screws	M4,Steel,Ni plated 1.2N.m/10.6Lb.In		
Ambient temperature	-40~120°C		
Poles	2-14P		
Panel cutout			

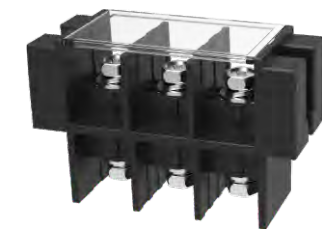
DG100D-A



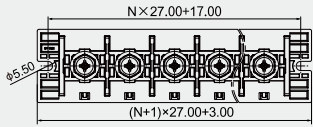
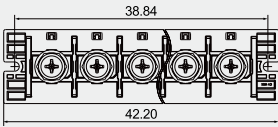
2 poles short circuit panel feed-through terminal. Red is positive and black is negative, no need to mark. Used for parallel connection between PACK.

Category	DG100D-A		
Use group	B	C	D
Rated voltage	600	600	600
Rated current	120	120	5
Wire range	10-2		
Withstanding voltage	AC2200V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA66+GF,UL94V-0		
Terminal	Copper alloy,Ni plated		
Screws	M6,Steel,Ni plated 5.0N.m/44.27Lb.In		
Ambient temperature	-40~120°C		
Poles	2P,4P		
Panel cutout			

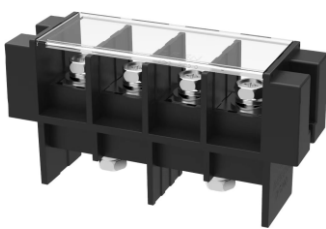
DG250-A



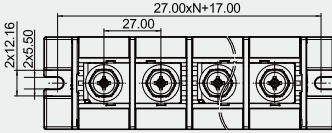
Panel feed-through structure can realize enclosure connection easily. Current range from 40A to 300A, satisfying different device application.

Category	DG250-A	DG300-A
Use group	E	E
Rated voltage	1000	1000
Rated current	250	300
Wire range	6-3/0	4-350Kcmil
Withstanding voltage	AC3000V/1Min	AC3000V/1Min
Insulation resistance	500MΩ/DC500V	500MΩ/DC500V
Housing	PA66+GF,UL94V-0	PA66+GF,UL94V-0
Terminal	Copper alloy,Ni plated	Copper alloy,Ni plated
Screws	M8,Steel,Zinc plated 6.0N.m/53.12Lb.In	M10,Steel,Zn plated 10N.m/88.54Lb.In
Ambient temperature	-40~120°C	-40~120°C
Poles	2-5P	1-5P
Panel cutout		

DG200D-A



2 poles short circuit panel feed-through terminal. Red is positive and black is negative, no need to mark. Used for parallel connection between PACK.

Category	DG200D-A		
Use group	B	C	D
Rated voltage	600	600	600
Rated current	200	200	5
Wire range	2-3/0		
Withstanding voltage	AC2200V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA66+GF,UL94V-0		
Terminal	Copper alloy,Ni plated		
Screws	M8,Steel,Zinc plated 6.0N.m/53.1Lb.In		
Ambient temperature	-40~120°C		
Poles	2P,4P		
Panel cutout			

Matching terminal for barrier connector

Providing barrier connection program and matching terminals customers can easily get one-stop purchasing. No need to spending time looking for other suppliers

Cold-Pressed Terminal– Vinyl-Insulated Terminal



Cold-Pressed Terminal– Hook Terminal



Insulated Hook Terminal

Cold-Pressed Terminals

Cold-Pressed Terminal– Non-Insulated Terminal



RNB-Non-Insulated Ring Terminal



SNB-Non-Insulated Spade Terminal



DBN-Non-Insulated Blade Terminal



PTN-Non-Insulated Pin Terminal

Cold-Pressed Terminal– Insulated Terminal



RV-Insulated Ring Terminal



SV-Insulated Spade Terminal



DBV-Insulated Blade Terminal



PTV-Insulated Pin Terminal

Copper Nose

Aluminum terminal adapted to aluminum carrier fluid, mostly used in the power industry.

Copper Nose



SC Voyeur Terminal



OT Open Copper Terminal



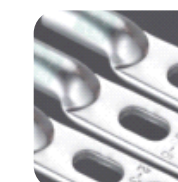
JG Copper Terminal



DT Copper Terminal



Double-Hole Copper-Aluminum Terminal



Double-Hole Copper Terminal

Aluminum terminal

That shape is mainly O-shaped, which cross section can reach 1000mm², and suitable for high current connection.



Copper-Aluminum Terminal Blocks



Square



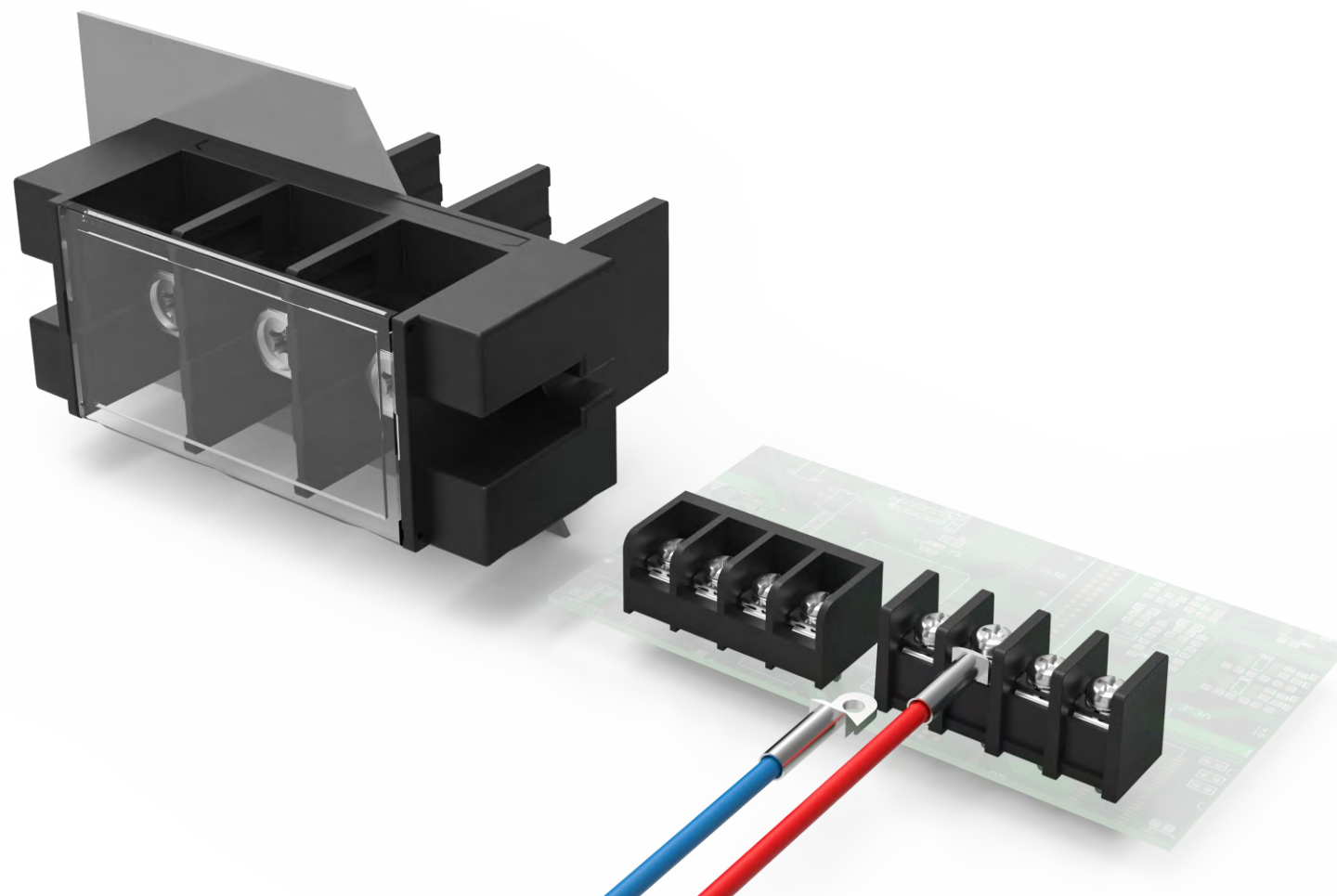
Ring



DT

Barrier Terminals

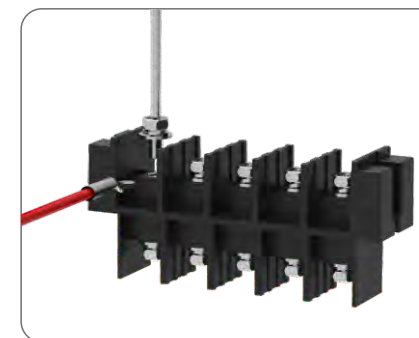
DEGSON Barrier terminal block adopts screw connection method, which can bear large torque and is widely used in industrial automation, power supply, new energy, security and other industries.



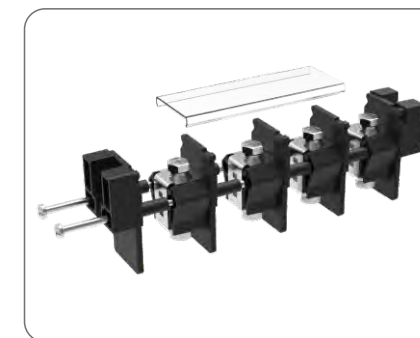
Feature

- ✓ Screw locking, can withstand large torque, reliable wiring.
- ✓ The product line is complete, including welding board products and wire-to-wire products.
- ✓ Provide one-piece/pluggable double-layer structure to save space.
- ✓ The installation methods include welding plate, panel and rail installation.
- ✓ The maximum voltage can reach 1000V, and the maximum current can reach 500A.

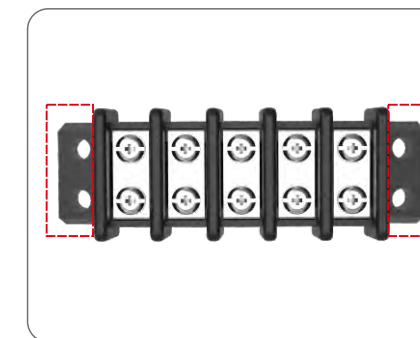
Feature



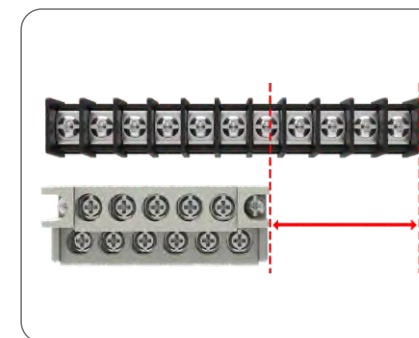
Barrier structure, screw connection
Locking with heavy torque, connection is reliable



Spliced structure
Combination is flexible and delivery is fast



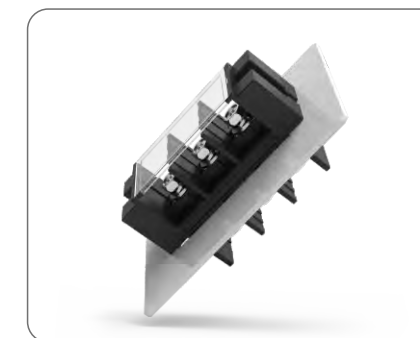
Flange Structure
Easy to install



Double-layer Structure
Saving space and meeting the needs of compact multi-contact



One-Step Fixing technology
Screws are unlocked, which can save 60% time



Feed-through Structure
Suitable for enclosure connection



Cover Structure
Prevent electric shock, dusty



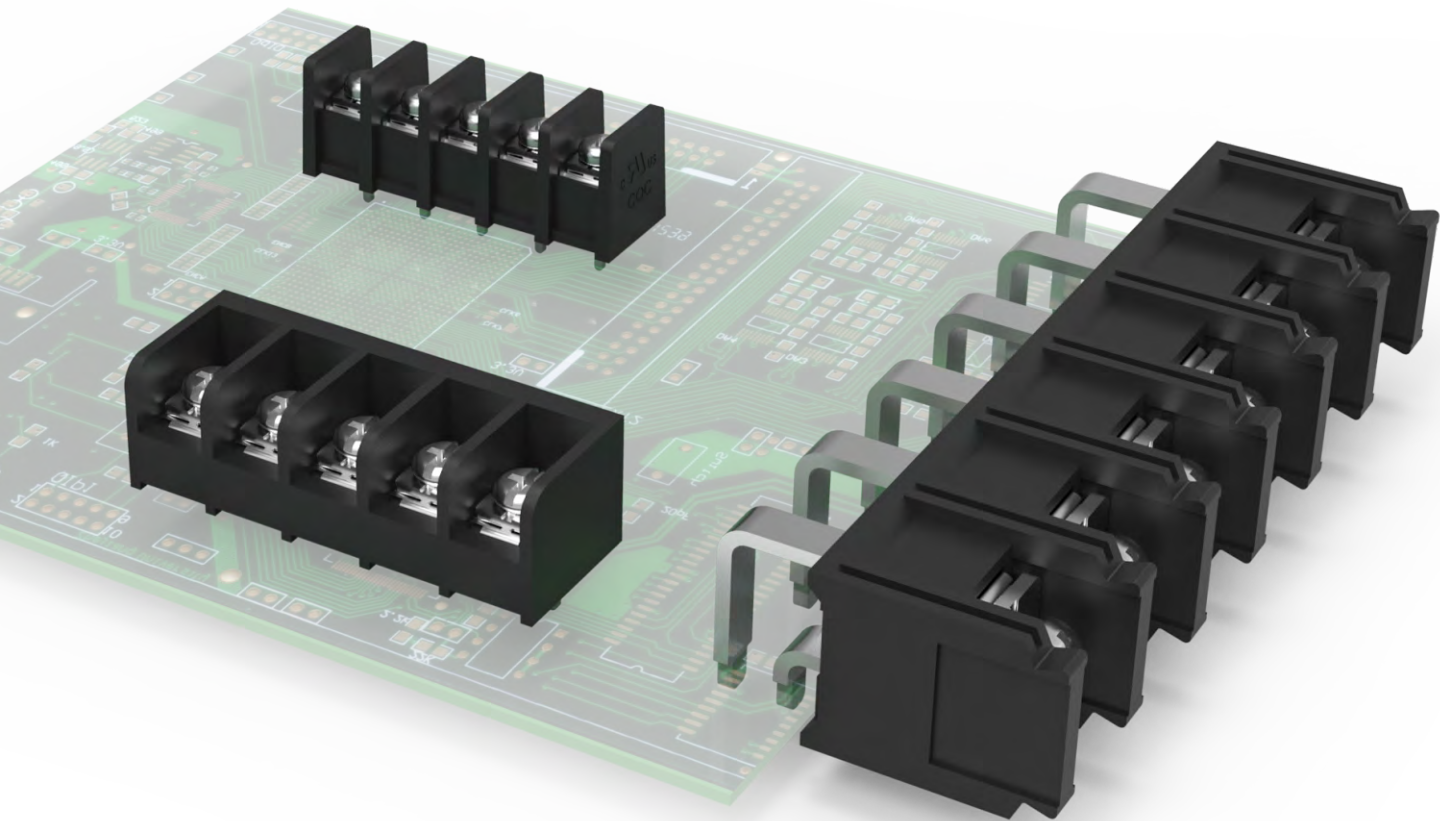
Multiple Specification
Provide more choices



Multiple Installation Methods
Soldering, DIN-rail and panel installation, Suitable for different application

Single level type

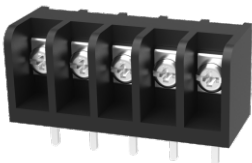
A variety of pitch and structure products for customers to choose meeting different application requirements.



Feature

- ✓ Rated current:8-120A, rated voltage:300-600V.
- ✓ Barrier wiring structure, stable and reliable connection.
- ✓ Multiple value-added services:printing, other special requirement.
- ✓ Application:Industrial automation, Electric power.

Pitch : 6.35mm



DG16 Type:R-B、S-B

Category	DG16		
Use group	B	C	D
Rated voltage	300	150	300
Rated current	10	10	10
Wire range	22-16		
Withstanding voltage	AC1600V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA66,UL94V-0		
Terminal	Copper alloy,Tin plated		
Screws	M2.5,Steel,Ni plated 0.4N.m/3.5Lb.In		
Ambient temperature	-40~105℃		
Poles	2-24		
Panel cutout			

Pitch : 7.62mm



DG25 Type : C-A、C-B、S-A、S-B
R-A、R-B、H-A、H-B



DG26 Type:GC-B



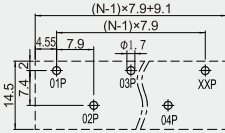
DG28 Type : C-A、C-B、S-A、S-B
R-A、R-B、H-A、H-B

Category	DG25			DG26			DG28		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	300	300	300	—	300	300	150	300
Rated current	15	15	10	15	—	10	15	15	10
Wire range	22-14			22-14			22-14		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M3,Steel,Ni plated 0.5N.m/4.4Lb.In			M3,Steel,Ni plated 0.5N.m/4.4Lb.In			M3,Steel,Ni plated 0.5N.m/4.4Lb.In		
Ambient temperature	-40~105℃			-40~105℃			-40~105℃		
Poles	2-26			2-12			2-26		
Panel cutout									

Pitch : 7.9mm



DG26-DB

Category	DG26-DB		
Use group	B	C	D
Rated voltage	600	600	—
Rated current	10.7	10.7	—
Wire range	22-16		
Withstanding voltage	AC2200V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PBT-GF15,UL94V-0		
Terminal	Copper alloy,Tin plated		
Screws	M3.5,Steel,Ni plated 0.8N.m/7.12Lb.In		
Ambient temperature	-40~120°C		
Poles	2-14		
Panel cutout			

Pitch : 9.5mm



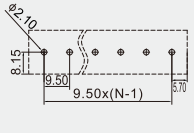
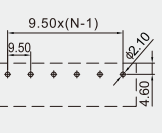
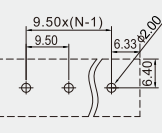
DG45 Type: C-A,C-B,S-A,S-B
R-A,R-B,H-A,H-B



DG46 Type:S-B,R-B,GS-B,GR-B
DA,DB



DG48 Type: C-A,C-B,S-A,S-B
R-A,R-B,H-A,H-B

Category	DG45			DG46			DG48		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	—	300	300	300	300	300	150	300
Rated current	25	—	10	30	30	10	20	20	10
Wire range	22-12			22-10			22-12		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M4,Steel,Ni plated 1.2N.m/10.5Lb.In			M4,Steel,Ni plated 1.2N.m/10.5Lb.In			M4,Steel,Ni plated 1.2N.m/10.5Lb.In		
Ambient temperature	-40~105°C			-40~105°C			-40~105°C		
Poles	2-26			2-26			2-22		
Panel cutout									

Pitch : 8.25mm



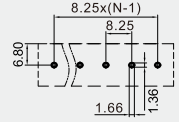
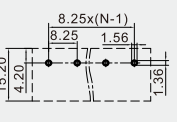
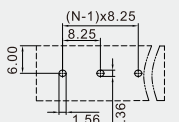
DG35 Type: C-A,C-B,S-A,S-B
R-A,R-B,H-A,H-B



DG36 Type:S-B,R-B



DG38 Type:C-A,C-B,S-A,S-B
R-A,R-B,H-A,H-B

Category	DG35			DG36			DG38		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	—	300	300	—	300	300	150	300
Rated current	20	—	10	20	—	10	15	15	10
Wire range	22-12			22-12			22-14		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M3,Steel,Ni plated 0.5N.m/4.4Lb.In			M3,Steel,Ni plated 0.5N.m/4.4Lb.In			M3,Steel,Ni plated 0.5N.m/4.4Lb.In		
Ambient temperature	-40~105°C			-40~105°C			-40~105°C		
Poles	2-26			2-24			2-26		
Panel cutout									

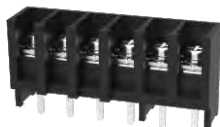
Pitch : 10.0mm



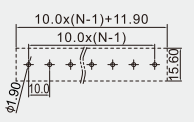
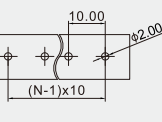
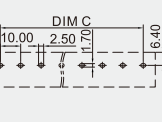
DG55 Type: C-A,C-B,S-A,S-B
R-A,R-B,H-A,H-B



DG58 Type:S-B,R-B



DG31-B Type:C-A,C-B,S-A,S-B
R-A,R-B,H-A,H-B

Category	DG55			DG58			DG31-B		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	300	300	300	150	300	300	300	600
Rated current	20	20	10	20	20	10	30	30	5
Wire range	22-12			22-12			18-10		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M4,Steel,Ni plated 1.2N.m/10.5Lb.In			M4,Steel,Ni plated 1.2N.m/10.5Lb.In			M4,Steel,Tin plated 1.2N.m/10.63Lb.In		
Ambient temperature	-40~105°C			-40~105°C			-40~105°C		
Poles	2-26			2-22			6-10		
Panel cutout									

Pitch : 11.0mm



DG65 Type: C-A, C-B, S-A, S-B
R-A, R-B, H-A, H-B



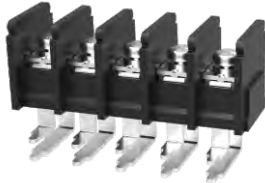
DG66 Type: S-B, R-B



DG66S-2-B

Category	DG65			DG66			DG66S-2-B		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	—	300	300	150	300	600	600	600
Rated current	30	—	10	30	30	10	30	30	5
Wire range	22-10			22-10			22-10		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy, Tin plated			Copper alloy, Tin plated			Copper alloy, Tin plated		
Screws	M4, Steel, Ni plated 1.2N.m/10.5Lb.In			M4, Steel, Ni plated 1.2N.m/10.5Lb.In			M4, Steel, Ni plated 1.2N.m/10.5Lb.In		
Ambient temperature	-40~105°C			-40~105°C			-40~105°C		
Poles	2-22			2-26			2-10		
Panel cutout									

Pitch : 11.0mm



DG66RT



DG66VT

Category	DG66RT			DG66VT		
Use group	B	C	D	B	C	D
Rated voltage	300	300	300	300	300	600
Rated current	40	40	10	40	40	5
Wire range	18-8			18-8		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66+GF,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy, Tin plated			Copper alloy, Tin plated		
Screws	M4, Steel, Ni plated 1.7N.m/15Lb.In			M4, Steel, Ni plated 1.7N.m/15Lb.In		
Ambient temperature	-40~120°C			-40~105°C		
Poles	2-24			2-12		
Panel cutout						

Pitch : 11.0mm/11.5mm



DG66-DA



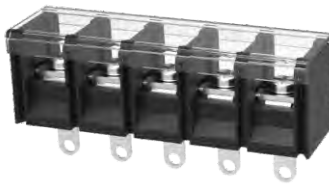
DG66-DB



DG66H-C

Category	DG66-DA			DG66-DB			DG66H-C		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600	600	—	600
Rated current	30	30	5	30	30	5	30	—	5
Wire range	22-10			22-10			20-10		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy, Tin plated			Copper alloy, Tin plated			Copper alloy, Tin plated		
Screws	M4, Steel, Ni plated 1.8N.m/16Lb.In			M4, Steel, Ni plated 1.8N.m/16Lb.In			M4, Steel, Ni plated 1.2N.m/10.5Lb.In		
Ambient temperature	-40~105°C			-40~105°C			-40~105°C		
Poles	2-25			2-25			9		
Panel cutout									

Pitch : 13.0mm/15.5mm



DG78 Type: C-A, C-B, S-A, S-B
R-A, R-B, H-A, H-B



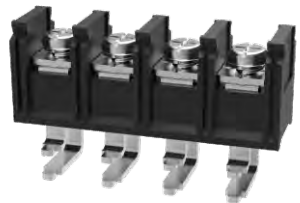
DG90-B

Category	DG78			DG90-B		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	40	40	5	90	90	5
Wire range	18-10			22-6		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy, Tin plated			Copper alloy, Ni plated		
Screws	M4, Steel, Ni plated 1.2N.m/10.5Lb.In			M6, Steel, Ni plated 3.5N.m/31Lb.In		
Ambient temperature	-40~105°C			-40~120°C		
Poles	2-22			3		
Panel cutout						

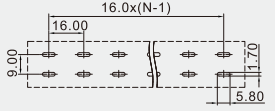
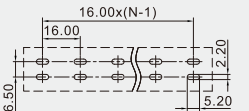
Pitch : 16.0mm



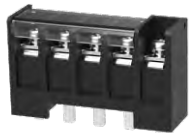
DG88



DG88RT

Category	DG88			DG88RT		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	110	110	5	100	100	5
Wire range	14-2str			14-3		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M5,Steel,Ni plated 2.5N.m/22Lb.In			M5,Steel,Ni plated 2.5N.m/22Lb.In		
Ambient temperature	-40~105°C			-40~105°C		
Poles	2-20			2-12		
Panel cutout						

Pitch : 14.5mm



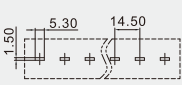
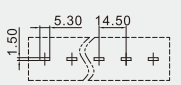
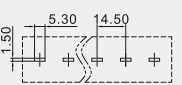
DG1450H-B-20A



DG1450H-B-30A



DG1450H-B-40A

Category	DG1450H-B-20A			DG1450H-B-30A			DG1450H-B-40A		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600	600	600	600
Rated current	57	57	5	45	45	5	45	45	5
Wire range	22-8			22-8			22-8		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M5,Steel,Zinc plated 2.3N.m/20Lb.In			M5,Steel,Zinc plated 2.0N.m/17.5Lb.In			M5,Steel,Zinc plated 2.0N.m/17.5Lb.In		
Ambient temperature	-40~120°C			-40~120°C			-40~120°C		
Poles	3-14			3-14			2-14		
Panel cutout									

Pitch : 14.5mm



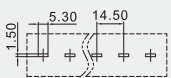
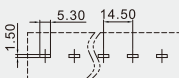
DG1450-B



DG1450H-B



DG1450H-B-10A

Category	DG1450-B			DG1450H-B			DG1450H-B-10A		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	300	300	600	600	600	600	600	600
Rated current	50	50	10	45	45	5	45	45	5
Wire range	22-8			22-8			22-8		
Withstanding voltage	AC1600V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	Steel,Zinc plated 2.0N.m/17.5Lb.In			Steel,Zinc plated 2.0N.m/17.5Lb.In			Steel,Zinc plated 2.0N.m/17.5Lb.In		
Ambient temperature	-40~120°C			-40~120°C			-40~120°C		
Poles	2-14			3-14			3-14		
Panel cutout									



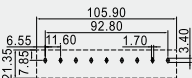
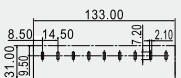
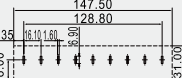
DG1100



DG1450A



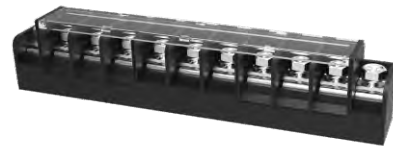
DG1600

Category	DG1100			DG1450A			DG1600		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600	600	600	600
Rated current	30	30	5	50	50	5	55	55	5
Wire range	22-10			22-8			22-6		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66+GF,UL94V-0			PA66+GF,UL94V-0			PA66+GF,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M4,Steel,Ni plated 2.0N.m/17.71Lb.In			M5,Steel,Ni plated 3.5N.m/30.97Lb.In			M5,Steel,Ni plated 3.5N.m/30.97Lb.In		
Ambient temperature	-40~120°C			-40~120°C			-40~120°C		
Poles	2-13			2-13			2-13		
Panel cutout									

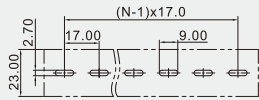
Pitch : 17.0mm



DG1700-B



DG1716-B

Category	DG1700-B			DG1716-B		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	65	65	5	80	80	5
Wire range	22-6			26-4		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M6,Steel,Zinc plated 2.5N.m/22Lb.In			M6,Steel,Zinc plated 7.9N.m/70Lb.In		
Ambient temperature	-40~120°C			-40~120°C		
Poles	3-14			4-14		
Panel cutout						

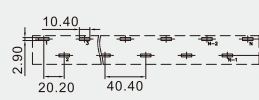
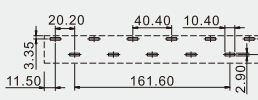
Pitch : 20.2mm



DG2020-B



DG2020-B-10A

Category	DG2020-B			DG2020-B-10A		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	100	100	5	115	115	5
Wire range	18-3			18-2		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M6,Steel,Zinc plated 7.9N.m/70Lb.In			M6,Steel,Zinc plated 7.9N.m/70Lb.In		
Ambient temperature	-40~120°C			-40~120°C		
Poles	11			11		
Panel cutout						

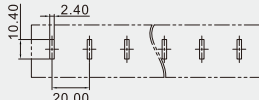
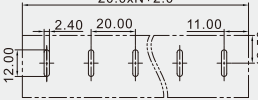
Pitch : 20.0mm



DG2000-B



DG2000H-B

Category	DG2000-B			DG2000H-B		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	75	75	5	80	80	5
Wire range	26-4			26-4		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M6,Steel,Ni plated 2.5N.m/22Lb.In			M6,Steel,Ni plated 2.9N.m/26Lb.In		
Ambient temperature	-40~120°C			-40~120°C		
Poles	2-12			2-12		
Panel cutout						

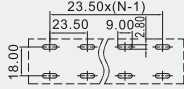
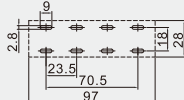
Pitch : 23.5mm

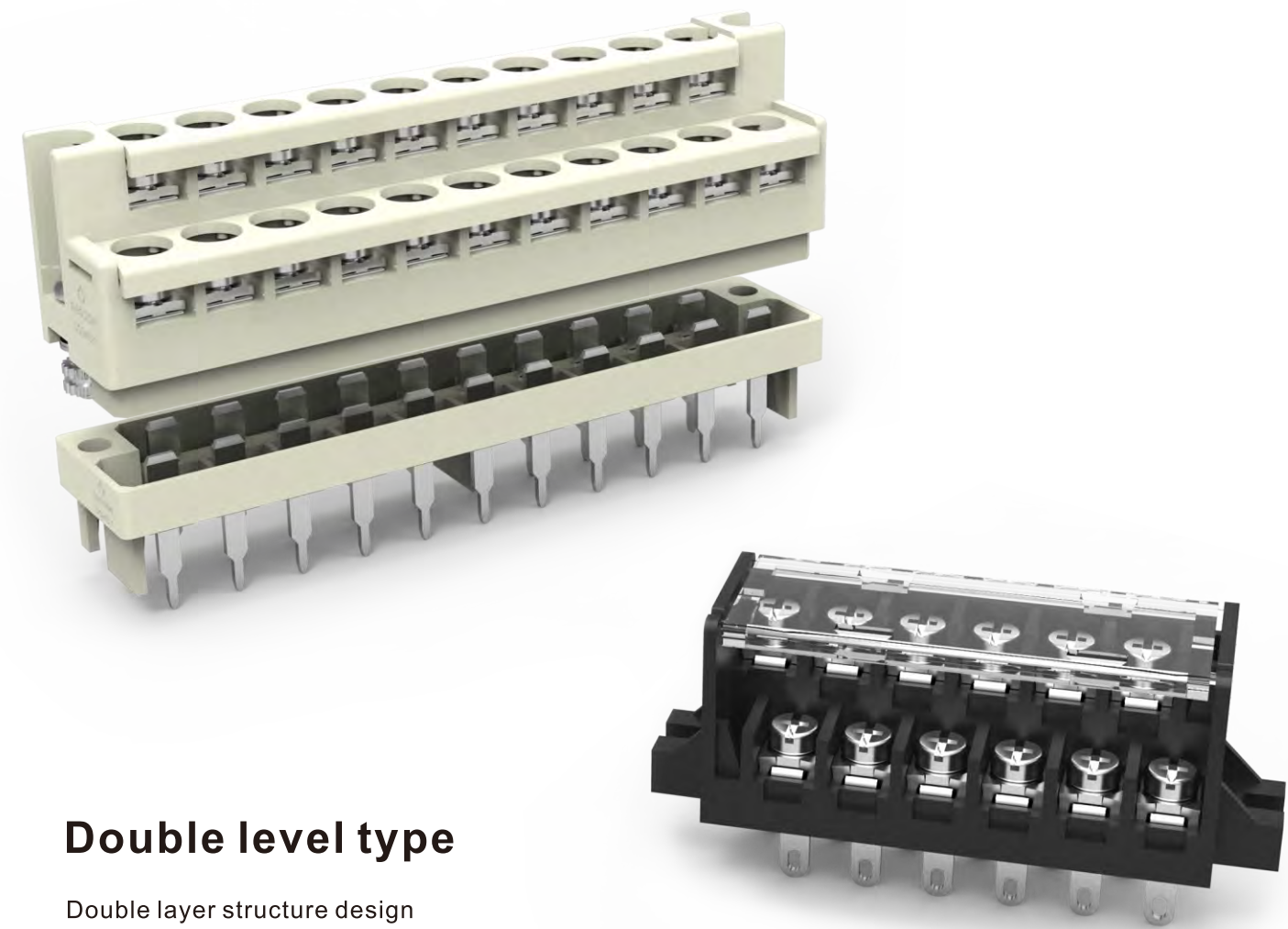


DG2350



DG2350-50A

Category	DG2350			DG2350-50A		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	120	120	5	120	120	5
Wire range	2-1/0			2-1/0		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M8,Steel,Zinc-nickel plated 5.5N.m/48.8Lb.In			M8,Steel,Zinc-nickel plated 5.5N.m/48.8Lb.In		
Ambient temperature	-40~120°C			-40~120°C		
Poles	2-6			4		
Panel cutout						



Double level type

Double layer structure design can save space and meet the needs of compact multi-contact.

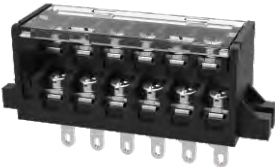
Feature

- ✓ Rated current:8-20A, rated voltage:300V.
- ✓ Barrier wiring structure, stable and reliable connection.
- ✓ Multiple value-added services: printing, gold plated, other special requirement.
- ✓ Application: Industrial automation.

Pitch : 7.62mm



DG24-1



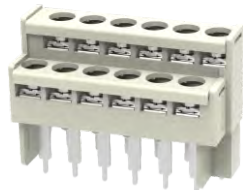
DG24-2



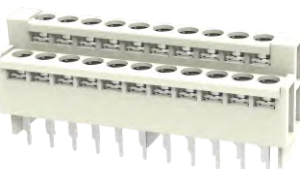
DG24-3

Category	DG24-1			DG24-2			DG24-3		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	—	300	300	—	300	300	—	300
Rated current	15	—	10	15	—	10	15	—	10
Wire range	22-14			22-14			22-14		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy, Tin plated			Copper alloy, Tin plated			Copper alloy, Tin plated		
Screws	M3, Steel, Ni plated 0.5N.m/4.5Lb.In			M3, Steel, Ni plated 0.5N.m/4.5Lb.In			M3, Steel, Ni plated 0.5N.m/4.5Lb.In		
Ambient temperature	-40~105℃			-40~105℃			-40~105℃		
Poles	6-48(poles)			8-48(poles)			6-48(poles)		
Panel cutout									

Pitch : 7.62mm



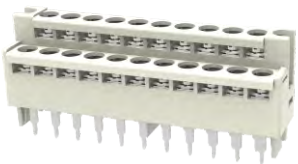
DG24-4



DG24-5

Category	DG24-4			DG24-5		
Use group	B	C	D	B	C	D
Rated voltage	300	—	300	300	—	—
Rated current	8	—	10	8	—	—
Wire range	22-14			22-14		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy, Tin plated			Copper alloy, Tin plated		
Screws	M3, Steel, Ni plated 0.5N.m/4.5Lb.In			M3, Steel, Ni plated 0.5N.m/4.5Lb.In		
Ambient temperature	-40~120℃			-40~120℃		
Poles	10-48(poles)			19,21,29		
Panel cutout						

Pitch : 7.62mm



DG24B-1



DG24B-2

Category	DG24B-1			DG24B-2		
Use group	B	C	D	B	C	D
Rated voltage	300	—	300	300	—	300
Rated current	8	—	10	14	—	10
Wire range	22-14			24-14		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Gold plated			Copper alloy,Gold plated		
Screws	M3,Steel,Ni plated 1.5N.m/13.3Lb.In			M3,Steel,Ni plated 0.5N.m/4.5Lb.In		
Ambient temperature	-40~120°C			-40~105°C		
Poles	5-49(poles)			4-48(poles)		
Panel cutout						

Pitch : 8.8mm



DG46-DA-00Z(H)



DG46-DB-00Z(H)

Category	DG46-DA-00Z(H)			DG46-DB-00Z(H)		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	20	20	5	20	20	5
Wire range	22-12			24-12		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66			PA66		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M3.5,Steel,Ni plated 0.9N.m/8.78Lb.In			M3.5,Steel,Ni plated 0.9N.m/8.78Lb.In		
Ambient temperature	-40~105°C			-40~105°C		
Poles	2-24			2-24		
Panel cutout						

Pitch : 7.62mm



DG25R-B-30Z(H)

Category	DG25R-B-30Z(H)		
Use group	B	C	D
Rated voltage	300	—	300
Rated current	15	—	10
Wire range	22-14		
Withstanding voltage	AC1600V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA66		
Terminal	Copper alloy,Tin plated		
Screws	M3,Steel,Ni plated 1.5N.m/13.28Lb.In		
Ambient temperature	-40~105°C		
Poles	2-12		
Panel cutout			

Pitch : 9.5mm



DG46S-B-213Z(H)

Category	DG46S-B-213Z(H)		
Use group	B	C	D
Rated voltage	300	—	—
Rated current	30	—	—
Wire range	20-10		
Withstanding voltage	AC1600V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA66		
Terminal	Copper alloy,Tin plated		
Screws	M6,Steel,Ni plated 1.2N.m/10.53Lb.In		
Ambient temperature	-40~105°C		
Poles	2-14		
Panel cutout			

Pitch : 9.52mm/9.525mm



DG44-1

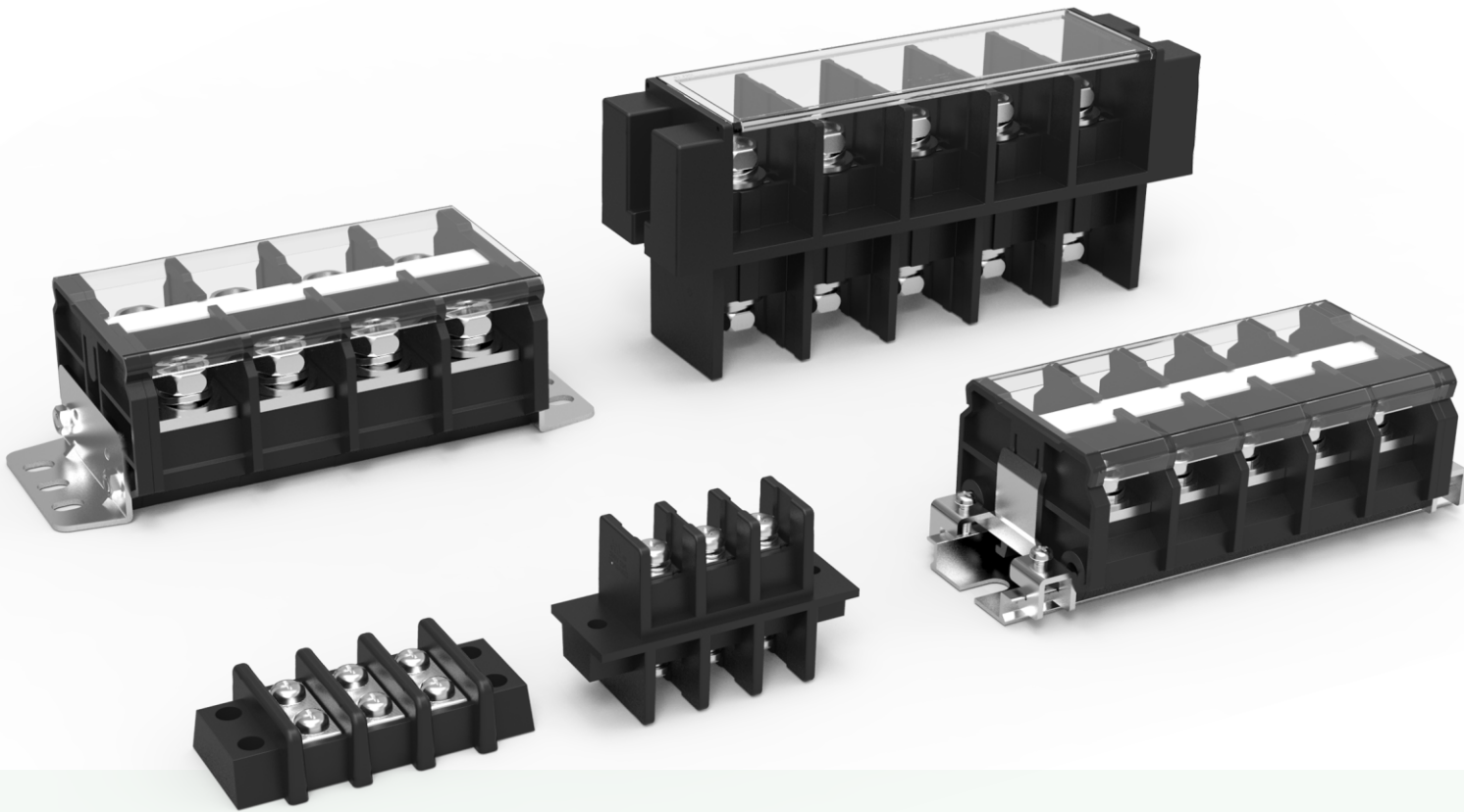


DG44B-1

Category	DG44-1			DG44B-1		
Use group	B	C	D	B	C	D
Rated voltage	300	—	300	300	—	300
Rated current	20	—	10	15	—	10
Wire range	18-12			22-14		
Withstanding voltage	AC1600V/1Min			AC1600V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PBT,UL94V-0			PA66,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Gold plated		
Screws	M3.5,Steel,Zinc plated 1.4N.m/12.4Lb.In			M3.5,Steel,Zinc plated 0.8N.m/7Lb.In		
Ambient temperature	-40~120°C			-40~105°C		
Poles	4-20			10-36		
Panel cutout						

Transfer type

Applicable to the wiring between devices or power distribution of control cabinet,meeting high power transmission requirements



Feature

- ✓ Rated current:10-500A,rated voltage:300-1000V
- ✓ Barrier wiring structure, stable and reliable connection
- ✓ Multiple value-added services:printing, other special requirement
- ✓ Application:Industrial automation,Electric power,New energy

Rated current : 30A/40A/75A



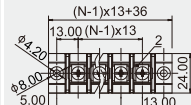
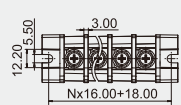
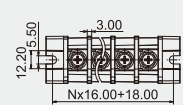
DG30-A Pitch:13mm



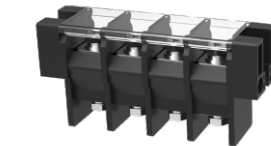
DG40-A Pitch:13mm



DG75-A Pitch:16mm

Category	DG30-A			DG40-A			DG75-A		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	300	—	300	600	600	600	600	600	600
Rated current	30	—	10	40	40	5	75	75	5
Wire range	28-10			22-8			21-4		
Withstanding voltage	AC1600V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66,UL94V-0			PA66+GF,UL94V-0			PBT,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated			Copper alloy,Ni plated		
Screws	M4,Steel,Zinc plated 1.2N.m/10.5Lb.In			M4,Steel,Zinc plated 1.2N.m/10.5Lb.In			M6,Steel,Ni plated 5.0N.m/44.3Lb.In		
Ambient temperature	-40~105°C			-40~120°C			-40~120°C		
Poles	2-10			2-10			2-10		
Panel cutout									

Rated current : 115A/150A/200A



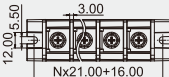
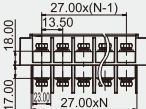
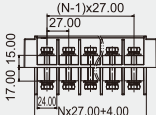
DG100-A Pitch:21mm



DG150-A Pitch:27mm



DG200-A Pitch:27mm

Category	DG100-A			DG150-A	DG200-A
Use group	B	C	D	E	E
Rated voltage	600	600	600	1000	1000
Rated current	115	115	5	150	200
Wire range	10-2			6-1/0	6-3/0
Withstanding voltage	AC2200V/1Min			AC3000V/1Min	AC3000V/1Min
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V	500MΩ/DC500V
Housing	PBT+GF,UL94V-0			PA66+GF,UL94V-0	PA66+GF,UL94V-0
Terminal	Copper alloy,Ni plated			Copper alloy,Ni plated	Copper alloy,Ni plated
Screws	M6,Steel,Ni plated 5.0N.m/44.3Lb.In			M8,Steel,Zinc plated 6.0N.m/53Lb.In	M8,Steel,Zinc plated 6.0N.m/53Lb.In
Ambient temperature	-40~120°C			-40~120°C	-40~120°C
Poles	1-10			2-8	2-8
Panel cutout					

Rated current : 400A

DEVELOPING



DG400-A-00Z(H)

Category	DG400-A-00Z(H)		
Use group	B	C	D
Rated voltage	1500	—	—
Rated current	400	—	—
Wire range	3/0 AWG-400 kcmil		
Withstanding voltage	AC4000V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PA-GF15,UL94V-0		
Terminal	Copper alloy,Tin plated		
Screws	M12,Steel,Ni plated 10.0N.m		
Ambient temperature	-40~105°C		
Poles	2-10		
Panel cutout			

Rated current : 60A/80A/130A



DGR40 Type : Al rail



DGR60 Type : Steel rail , Panel



DGR100 Type : Steel rail , Panel

Category	DGR40			DGR60			DGR100		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600	600	600	600
Rated current	60	60	5	80	80	5	130	130	5
Wire range	22-6			20-4			20-1		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PC,UL94V-0			PC,UL94V-0			PC,UL94V-0		
Terminal	Copper alloy,Ni plated			Copper alloy,Ni plated			Copper alloy,Ni plated		
Screws	M5,Steel,Zinc plated 2.8N.m/25Lb.In			M6,Steel,Zinc plated 4.4N.m/40Lb.In			M8,Steel,Zinc plated 6.7N.m/60Lb.In		
Ambient temperature	-40~125°C			-40~125°C			-40~125°C		
Poles	1-16			1-16			1-16		
Panel cutout									

Rated current : 10A/20A/30A



DGR10 Type : Al rail



DGR20 Type : Al rail



DGR30 Type : Al rail

Category	DGR10			DGR20			DGR30		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600	600	600	600
Rated current	10	10	5	20	20	5	30	30	5
Wire range	24-16			24-12			20-10		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PC,UL94V-0			PC,UL94V-0			PC,UL94V-0		
Terminal	Copper alloy,Ni plated			Copper alloy,Ni plated			Copper alloy,Ni plated		
Screws	M3,Steel,Zinc plated 0.5N.m/4.5Lb.In			M3.5,Steel,Zinc plated 0.8N.m/7Lb.In			M4,Steel,Ni plated 1.5N.m/12.6Lb.In		
Ambient temperature	-40~125°C			-40~125°C			-40~125°C		
Poles	1-21			1-16			1-16		
Panel cutout									

Rated current : 155A/200A/240A



DGR150 Type : Steel rail , Panel



DGR200 Type : Al rail , Panel



DGR240 Type : Al rail

Category	DGR150			DGR200			DGR240		
Use group	B	C	D	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600	600	600	600
Rated current	155	155	5	200	200	5	240	240	5
Wire range	20-2/0			20-4/0			4-250Kcmil		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V			500MΩ/DC500V		
Housing	PC,UL94V-0			PC,UL94V-0			PC,UL94V-0		
Terminal	Copper alloy,Ni plated			Copper alloy,Ni plated			Copper alloy,Ni plated		
Screws	M8,Steel,Zinc plated 4.5N.m/40Lb.In			M10,Steel,Zinc plated 9.0N.m/80Lb.In			M10,Steel,Zinc plated 4.0N.m/35.5Lb.In		
Ambient temperature	-40~125°C			-40~125°C			-40~125°C		
Poles	1-12			1-11			1-16		
Panel cutout									

Rated current : 300A/500A



DGR300 Type:Steel rail,Panel



DGR500 Type:Panel

Category	DGR300			DGR500		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	300
Rated current	300	300	5	500	500	5
Wire range	20-300Kcmil			300-750Kcmil		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PC,UL94V-0			PC,UL94V-0		
Terminal	Copper alloy,Ni plated			Copper alloy,Ni plated		
Screws	M10,Steel,Zinc plated 9.0N.m/80Lb.In			M16,Steel,Zinc plated 24.0N.m/213Lb.In		
Ambient temperature	-40~125°C			-40~125°C		
Poles	1-16			1-16		
Panel cutout						

Rated current : 130A



DGB100

Category	DGB100		
Use group	B	C	D
Rated voltage	600	600	—
Rated current	130	130	—
Wire range	20-1		
Withstanding voltage	AC2200V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PC,UL94V-0		
Terminal	Copper alloy,Ni plated		
Screws	M8,Steel,Zinc plated 6.8N.m/60Lb.In		
Ambient temperature	-40~125°C		
Poles	2-11		
Panel cutout			

Panel Installation



DGB40

Category	DGB40		
Use group	B	C	D
Rated voltage	600	—	600
Rated current	—	—	—
Wire range	/		
Withstanding voltage	AC2200V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PC,UL94V-0		
Terminal	/		
Screws	M12,Steel,Zinc plated 40N.m/354.2Lb.In		
Ambient temperature	-40~125°C		
Poles	2		
Panel cutout			

Rated current : 150A/200A



DGR150-U



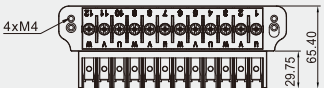
DGR200-U

Category	DGR150-U			DGR200-U		
Use group	B	C	D	B	C	D
Rated voltage	600	600	600	600	600	600
Rated current	150	150	5	200	200	5
Wire range	6-2/0			6-4/0		
Withstanding voltage	AC2200V/1Min			AC2200V/1Min		
Insulation resistance	500MΩ/DC500V			500MΩ/DC500V		
Housing	PA66+GF,UL94V-0			PA66+GF,UL94V-0		
Terminal	Copper alloy,Tin plated			Copper alloy,Tin plated		
Screws	M8,Steel,Zinc plated 6.5N.m/57.55Lb.In			M10,Steel,Zinc plated 10.0N.m/88.54Lb.In		
Ambient temperature	-40~120°C			-40~120°C		
Poles	2-8			2-8		
Panel cutout						

Rated current : 60A



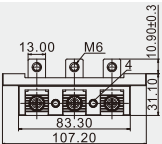
DG97-A

Category	DG97-A		
Use group	B	C	D
Rated voltage	300	300	300
Rated current	60	60	10
Wire range	20-1		
Withstanding voltage	AC1600V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PC,UL94V-0		
Terminal	Copper alloy,Tin plated		
Screws	M6,Steel,Zinc plated 3.0N.m/26.6Lb.In		
Ambient temperature	-40~125°C		
Poles	12		
Panel cutout			

Rated current : 130A



DG32-A

Category	DG32-A		
Use group	B	C	D
Rated voltage	600	600	—
Rated current	130	130	—
Wire range	20-1		
Withstanding voltage	AC2200V/1Min		
Insulation resistance	500MΩ/DC500V		
Housing	PC,UL94V-0		
Terminal	Copper alloy,Tin plated		
Screws	M8,Steel,Zinc plated 6.8N.m/60Lb.In		
Ambient temperature	-40~125°C		
Poles	2-11		
Panel cutout			

FIELD OF APPLICATION

DEGSON connectors are widely used in robot, industrial automation, CNC equipment, textile machinery, rail transit, monitor and control unit, energy, communicate and so on various equipments requiring electrical, date and signal connection.



Transportation
technology



CNC equipment



Rail transit



Industrial automation



Robot



Energy



Communicate



Monitor and
control unit

