





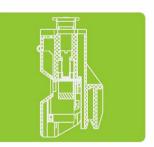


# TRANSFORMER TERMINAL BLOCKS









DEGSON ELECTRONICS CO.,LTD.

IS09001 IS014001 cM'us CE 9 CB RoHS REACH

IC-14-02 Edition:T78



# **Brief Introduction**

Founded in 1990, DEGSON Electronics Co., Ltd is one of the biggest manufacturers of terminal blocks and precise moulds in Asia. The headquarter and factory are located in Ningbo which is close to Shanghai. DEGSON has been granted IS09001 and IS014001 management system certitications. The comprehensive product line has more than 1000 models and 12000 types which have been approved by ,\(\frac{1}{1}\)1', \(\phi\) CE (\(\sigma\)> CB Rd+SRECH DEGSON laboratory is tirst one in Asia which passes UL and VDE approved laboratory certitication.

DEGSON produces about 1 billion poles of terminal blocks per year and sells well to USA, Germany, UK, Japan, South Korea, South Africa······totally more than 70 countries and regions. We provides good quality products and service to the users of industrial automation, instrument, elevator, power, transportation, new energy, lighting, telecommunication, power supply, security, shipbuilding industries etc.

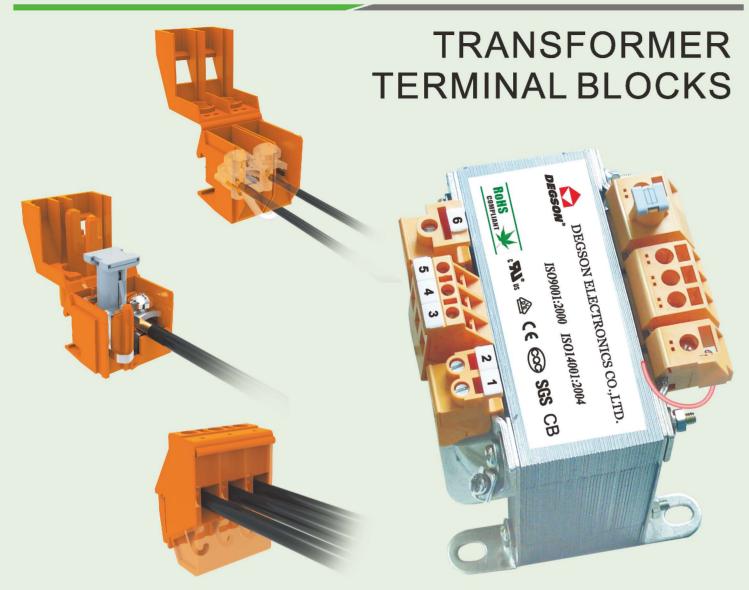
DEGSON sales network covers all over the world , working closely with local distributors to provide faster response, more comprehensive local service and technical support.



- Cixi Xiaolin DengGao Electronics Factory was established in 1990.
- 2000 Settled in No.333 Xiaolin Road . Cixi.
   Zhejiang, renamed Degson Electronics Co.,Ltd.
   Degson products have got UL, VDE, CE, CQC, and so on and exported to more than 70 countries and regions.
- The trade mark of DIECKOM' has been registered in more than 90 countries and areas all over the world from 2001 to now days.
   Products made by DIECKOM' areveryfamous in China and weil seid all over the world.
- DEGSON has been granted IS09001:2000 management system certification in 2005.
- DEGSON has been granted IS014001:2004 management system certification in 2006.
- The first VDE external test was weil carried out by VDE engineer in 2007.
- Two times of VDE external test were carried out by VDE engineer in 2008.
- DEGSON (Germany) branch company was established in 2009
- VDE formally authorized the certification of "Authorization of VDE" to DEGSON's Lab in 2010.
- DEGSON launched digital management system: CRM,ERP,PDM,OAin 2012.
- In 2013 ,DEGSON laboratory is first one in Asia which passes UL and VDE approved laboratory certification.

Capital Asset	\$12 million
Turnover	\$50.0 million
Production Area	48,137m <sup>2</sup>
<b>Dormitory Area</b>	14,214m <sup>2</sup>
Staff	1,100







• Voltage range: 250V-750V

• Current range : 24A-57A

Available with overload protection function

• 1942' (E ROHS REACH approval



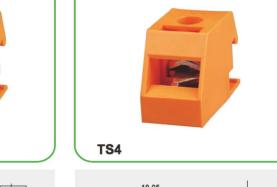


#### Instructions:

Set up marks on the connector, to prevent mistake connection. Used on the male & female terminal block.

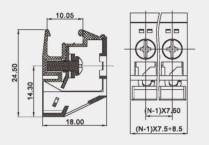












0.5-2.5mm<sup>2</sup>/0.5-2.5mm<sup>2</sup>

0.5Nm(4.4Lb-In.)

7.5mm(.295")

PA66,UL94V-0

M3,steel,Cr3+Zn plated

Copper alloy

-40°C~+105°C

2P,3P

APPROVAL: :913"

IEC/DIN VDE Techinical data

Rated insulation voltage with

UL/CUL(Approval data) Use Group UL/CUL

Multiple connection(2 conductors

Stranded with ferrule without

Stranded with TWIN ferrule with plastic sleeve

**XMechanical** 

Stripping length **XDImensions** 

Ambient temperature

Torque

Pitch

Poles **\*Material** 

Housing

Contact

Screws

TS2.5-03P

**XElectrical** 

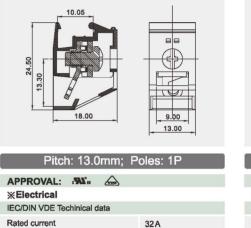
Rated current

pollution degree2 Surge voltage category /pollution degree

Rated surge voltage

Rated voltage

Connection capacity



		-
Pitch: 13.0mm; F	Poles: 1P	Pitch: 19.0mm;
APPROVAL: :913",		APPROVAL: :913'
*Electrical		*Electrical
IEC/DIN VDE Techinical data		IEC/DIN VDE Techinical data
Rated current	32 A	Rated current
Rated insulation voltage with pollution degree2	250V	Rated insulation voltage with pollution degree2
Surge voltage category /pollution degree		Surge voltage category /pollution degree
Rated insulation voltage		Rated insulation voltage
Rated surge voltage		Rated surge voltage
UL/CUL(Approval data) Use Group UL/CUL	B C D	UL/CUL(Approval data) Use Group UL/CUL
Rated voltage	300V 300V 300V	Rated voltage
Rated current	20A 20A 10A	Rated current
Connection capacity	20-12AWG	Connection capacity
Solid/stranded	0.75-4.0mm <sup>2</sup> /0.75-4.0mm <sup>2</sup>	Solid/stranded
Stranded with ferrule without plastic sleeve	_	Stranded with ferrule without plastic sleeve
Stranded with femule with plastic sleeve	-	Stranded with ferrule with plastic sleeve
Multiple connection(2 conductors with same cross section)	_	Multiple connection(2 conductors with same cross section)
Solid/stranded	·—	Solid/stranded
Stranded with ferrule without plastic sleeve	_	Stranded with ferrule without plastic sleeve
Stranded with TWIN ferrule with plastic sleeve	_	Stranded with TWIN ferrule with plastic sleeve
<b>*Mechanical</b>		<b>*Mechanical</b>
Torque	1.2Nm(10.5Lb-In.)	Torque
Ambient temperature	-40°C~+105°C	Ambient temperature
Stripping length	8-10mm	Stripping length
<b>XDImensions</b>		<b>XDImensions</b>
Pitch	13.0mm(.512")	Pitch
Poles	1P	Poles
<b>*Material</b>		<b>*Material</b>
Housing	PA66,UL94V-0	Housing
Contact	Copperalloy	Contact
•		

_	Stranded wit sleeve
_	Multiple conn with same cro
_	Solid/strand
_	Stranded w
_	Stranded w plastic sleet
	<b>XMechani</b>
1.2Nm(10.5Lb-In.)	Torque
-40°C~+105°C	Ambient tem
8-10mm	Stripping ler
	<b></b> MDImension
13.0mm(.512")	Pitch
1P	Poles
	<b>*Material</b>
PA66,UL94V-0	Housing
Copper alloy	Contact
M4,steel,Cr3+Zn plated	Screws
duct model   Pcs./Pkt.	Product mo TS10-01P — — — — — —
	-40°C~+105°C 8-10mm 13.0mm(.512") 1P PA66,UL94V-0 Copper alloy

4.0-10.0mm<sup>2</sup>/4.0-10.0mm

2.0Nm(17.5Lb-ln.)

-40°C~+105°C

19.0mm(.748")

PA66,UL94V-0

8-10mm

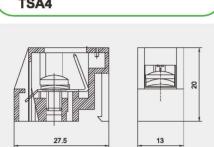
1P

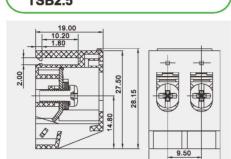








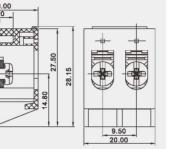


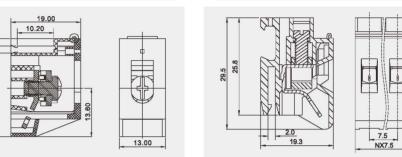


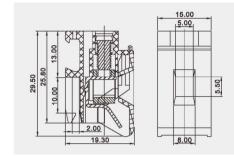


**DEGSON®** 









Pitch: 9.5mm; Po	oles: 2	P	
<b>X</b> Electrical			
IEC/DIN VDE Techinical data			
Rated current	24 A		
Rated insulation voltage with pollution degree2	250 V		
Surge voltage category /pollution degree	_	_	_
Rated insulation voltage	_	_	_
Rated surge voltage	_	_	_
UL/CUL(Approval data) Use Group UL/CUL	В	С	D
Rated voltage	600V	_	_
Rated current	10A	_	_
Connection capacity	24-14A	WG	
Solid/stranded	0.5-2.5r	nm²/0.5-	2.5mm <sup>2</sup>
Stranded with ferrule without plastic sleeve		_	
Stranded with ferrule with plastic sleeve		_	
Multiple connection(2 conductors with same cross section)		_	
Solid/stranded		-	
Stranded with ferrule without plastic sleeve		_	
Stranded with TWIN ferrule with plastic sleeve		_	
<b>*Mechanical</b>			
Torque	0.5Nm	(4.4Lb-	ln.)
A	0-	0 -	

Rated current	24A	Rated current	32A
Rated insulation voltage with pollution degree2	250 V	Rated insulation voltage with pollution degree2	450V
Surge voltage category /pollution degree		Surge voltage category /pollution degree	
Rated insulation voltage		Rated insulation voltage	
Rated surge voltage		Rated surge voltage	
UL/CUL(Approval data) Use Group UL/CUL	B C D	UL/CUL(Approval data) Use Group UL/CUL	в с
Rated voltage	600V — —	Rated voltage	600V —
Rated current	10A — —	Rated current	30A —
Connection capacity	24-14AWG	Connection capacity	24-10AWG
Solid/stranded	0.5-2.5mm²/0.5-2.5mm²	Solid/stranded	0.5-4.0mm²/0.5-4.
Stranded with ferrule without plastic sleeve	_	Stranded with ferrule without plastic sleeve	_
Stranded with ferrule with plastic sleeve	_	Stranded with ferrule with plastic sleeve	_
Multiple connection(2 conductors with same cross section)	_	Multiple connection(2 conductors with same cross section)	_
Solid/stranded	_	Solid/stranded	_
Stranded with ferrule without plastic sleeve	_	Stranded with ferrule without plastic sleeve	_
Stranded with TWIN ferrule with plastic sleeve	_	Stranded with TWIN ferrule with plastic sleeve	_
<b>XMechanical</b>		<b> ™Mechanical</b>	
Torque	0.5Nm(4.4Lb-ln.)	Torque	1.2Nm(10.5Lb-li
Ambient temperature	-40°C~+105°C	Ambient temperature	-40°C~+105°C
Stripping length	8-10mm	Stripping length	8-10mm
*Dimensions		<b>XDImensions</b>	
Pitch	9.5mm(.374")	Pitch	13.0mm(.512")
Poles	2P	Poles	1P
*Material		*Material	
Housing	PA66,UL94V-0	Housing	PA66,UL94V-0
Contact	Copper alloy	Contact	Copper alloy
Screws	M3,steel,Cr3+Zn plated	Screws	M4,steel,Cr3+Zn p
Product model Pcs./Pkt. Prod	uct model Pcs./Pkt.	Product model Pcs./Pkt. Product TSA4-01P —	duct model Pcs
 TSA2.5-02P		15A4-01P — — — — — — — — — — — — — — — — — — —	_

Pitch: 13.0mm; F	Poles:	1P			Pitch
					APPROVAL:
<b>※Electrical</b>					<b></b> Electrical
IEC/DIN VDE Techinical data					IEC/DIN VDE T
Rated current	32A				Rated current
Rated insulation voltage with pollution degree2	450V				Rated insulation pollution degree
Surge voltage category /pollution degree	_	_	_		Surge voltage ca /pollution degree
Rated insulation voltage	_	_	_		Rated insulation
Rated surge voltage	_	_	_		Rated surge vo
UL/CUL(Approval data) Use Group UL/CUL	В	С	D		UL/CUL(Approva UL/CUL
Rated voltage	600V	_	_		Rated voltage
Rated current	30A	—	_		Rated current
Connection capacity	24-10A	WG			Connection cap
Solid/stranded	0.5-4.0n	nm²/0.5~	4.0mm <sup>2</sup>		Solid/stranded
Stranded with ferrule without plastic sleeve		1—1			Stranded with plastic sleeve
Stranded with ferrule with plastic sleeve		_			Stranded with fe sleeve
Multiple connection(2 conductors with same cross section)		1-1			Multiple connecti with same cross
Solid/stranded		-			Solid/stranded
Stranded with ferrule without plastic sleeve		_			Stranded with plastic sleeve
Stranded with TWIN ferrule with plastic sleeve		_			Stranded with plastic sleeve
<b>*Mechanical</b>					<b>XMechanical</b>
Torque	1.2Nm	10.5Lb	⊢ln.)		Torque
Ambient temperature	-40°C~	+105°C	;		Ambient tempera
Stripping length	8-10mr	n			Stripping length
<b>XDImensions</b>					<b> XDImensions</b>
Pitch	13.0m	m(.512	2")	Ì	Pitch
Poles	1P				Poles
*Material					<b>*Material</b>
Housing	PA66,	JL94V	-0		Housing
Contact	Coppe	r alloy			Contact
Screws	M4,stee	l,Cr³⁺Zn	plated		Screws
Product model   Pcs./Pkt.   Prod TSA4-01P -	uct mode	el Po	≫./Pkt.	- 1	Product model

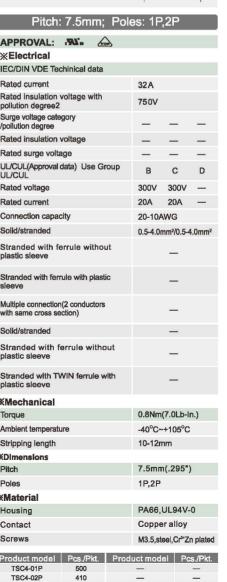
TSB2.5-02P

TSB2.5-03P

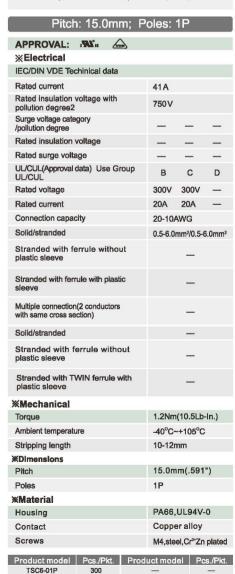
310

Pitch: 9.5mm; Pole	es: 2F	,3P	
APPROVAL: - 🗫			
<b>XElectrical</b>			
IEC/DIN VDE Techinical data			
Rated current	24A		
Rated insulation voltage with pollution degree2	250V		
Surge voltage category /pollution degree	-	_	-
Rated insulation voltage	_	_	_
Rated surge voltage	-	-	_
UL/CUL(Approval data) Use Group UL/CUL	В	С	D
Rated voltage	300V	300V	600V
Rated current	10A	10A	5A
Connection capacity	20-12/	AWG	
Solid/stranded	0.5-2.5	mm²/0.5-	2.5mm <sup>2</sup>
Stranded with ferrule without plastic sleeve		_	
Stranded with ferrule with plastic sleeve		-	
Multiple connection(2 conductors with same cross section)		-	
Solid/stranded		-	
Stranded with ferrule without plastic sleeve		_	
Stranded with TWIN ferrule with plastic sleeve		-	
<b>XMechanical</b>			
Torque	0.5Nm	(4.4Lb-	ln.)
Ambient temperature	-40°C-	-+105°C	;
Stripping length	8-10m	m	
<b>XDImensions</b>			
Pitch	9.5mm	n(.374"	)
Poles	2P,3P		
<b>*Material</b>			
Housing	PA66,	UL94V	-0
Contact	Coppe	er alloy	
Screws	M3,ste	el,Cr³+Zr	plated
Product model Pcs./Pkt. Prod	uct mod	el Po	s./Pkt.

	13.00	
Pitch: 13.0mm; F	Poles:1P	Pitch:
APPROVAL: :90: 🗻		APPROVAL:
<b>※Electrical</b>		<b></b> Electrical
IEC/DIN VDE Techinical data		IEC/DIN VDE Tecl
Rated current	32A	Rated current
Rated insulation voltage with pollution degree2	450V	Rated insulation v pollution degree2
Surge voltage category /pollution degree		Surge voltage categ /pollution degree
Rated insulation voltage		Rated insulation v
Rated surge voltage		Rated surge voltage
UL/CUL(Approval data) Use Group UL/CUL	B C D	UL/CUL(Approval di UL/CUL
Rated voltage	600V 600V 600V	Rated voltage
Rated current	30A 30A 5A	Rated current
Connection capacity	20-12AWG	Connection capaci
Solid/stranded	0.5-4.0mm <sup>2</sup> /0.5-4.0mm <sup>2</sup>	Solid/stranded
Stranded with ferrule without plastic sleeve	_	Stranded with fe plastic sleeve
Stranded with ferrule with plastic sleeve	-	Stranded with ferro
Multiple connection(2 conductors with same cross section)	_	Multiple connection( with same cross sec
Solid/stranded	_	Solid/stranded
Stranded with ferrule without plastic sleeve	_	Stranded with fe plastic sleeve
Stranded with TWIN ferrule with plastic sleeve	_	Stranded with TW plastic sleeve
<b>≪Mechanical</b>		<b>XMechanical</b>
Torque	1.2Nm(10.5Lb-In.)	Torque
Ambient temperature	-40°C~+105°C	Ambient temperatur
Stripping length	8-10mm	Stripping length
<b>KDImensions</b>		<b>XDimensions</b>
Pitch	13.0mm(512")	Pitch
Poles 极数	1P	Poles
<b>KMaterial</b>		<b>*Material</b>
Housing	PA66,UL94V-0	Housing
Contact	Copper alloy	Contact
Screws	M4,steel,Cr3+Zn plated	Screws
Product model Pcs./Pkt. Prod	luct model Pcs./Pkt.	Product model



TSC4-02P

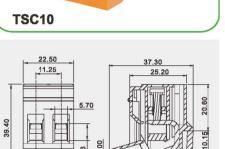


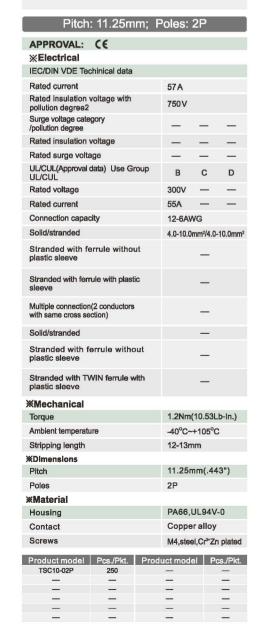
02 03

=

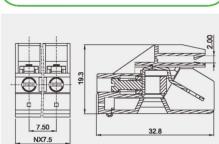












Pitch: 7.5mm; Pole	es: 1P	~3P	
APPROVAL: :913': 🚕			
*Electrical			
IEC/DIN VDE Techinical data			
Rated current	32 A		
Rated insulation voltage with pollution degree2	450V		
Surge voltage category /pollution degree	_	_	_
Rated insulation voltage	_	_	_
Rated surge voltage	_	_	_
UL/CUL(Approval data) Use Group UL/CUL	В	С	D
Rated voltage	600V	600V	600V
Rated current	30A	30A	5A
Connection capacity	20-10/	AWG	
Solid/stranded	0.5-4.0	mm²/0.5-	4.0mm <sup>2</sup>
Stranded with ferrule without plastic sleeve		1-1	
Stranded with ferrule with plastic sleeve		-	
Multiple connection(2 conductors with same cross section)		_	
Solid/stranded		-	
Stranded with ferrule without plastic sleeve		_	
Stranded with TWIN ferrule with plastic sleeve		_	
<b>*Mechanical</b>			
Torque	0.5Nm	(4.4Lb-	In.)
Ambient temperature	-40°C-	-+105°C	
Stripping length	10-12r	mm	
<b>XDImensions</b>			
Pitch	7.5mm	n(.295"	')
Poles	1P~3F	-	
<b>*Material</b>			
Housing	The second	UL94V	
Contact		eralloy	
Screws		el,Cr³+Zr	•
Cage	Brass.	Ni plated	1

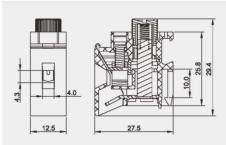
TSCB4-01P

TSCB4-02P

TSCB4-03P

510

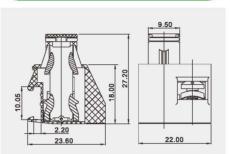


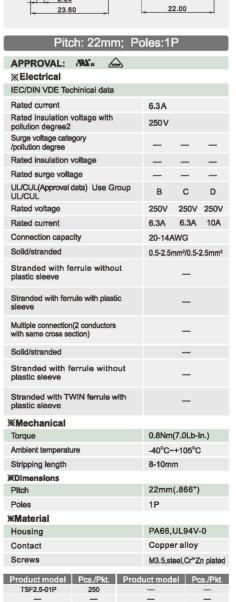


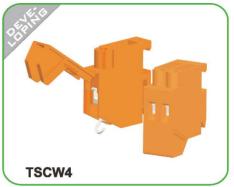
Pitch: 12.5mm; P	oles:	1P	
APPROVAL: '50', CE			
*Electrical			
IEC/DIN VDE Techinical data			
Rated current	10A		
Rated insulation voltage with pollution degree2	250 V		
Surge voltage category /pollution degree	-	-	-
Rated insulation voltage	_	-	-
Rated surge voltage	_	_	-
UL/CUL(Approval data) Use Group UL/CUL	В	С	D
Rated voltage	300V	-	-
Rated current	8A	_	-
Connection capacity	30-10A	WG	
Solid/stranded	0.5-4.0r	mm²/0.5-	4.0mm <sup>2</sup>
Stranded with ferrule without plastic sleeve		-	
Stranded with ferrule with plastic sleeve		-	
Multiple connection(2 conductors with same cross section)		-	
Solid/stranded		_	
Stranded with ferrule without plastic sleeve		_	
Stranded with TWIN ferrule with plastic sleeve		-	
<b>*Mechanical</b>			
Torque	0.8Nm	(7.0Lb-	ln.)
Ambient temperature	-40°C~	+105°C	;
Stripping length	10-12n	nm	
<b>KDImensions</b>			
Pitch	12.5m	m(.492	2")
Poles	1P		
«Material			
Housing		UL94V	-0
Contact Screws		r alloy	'n plated
Cage		li plated	
	uct mod		
15014-0119 400			

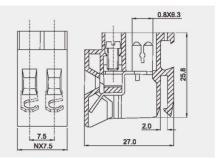












Pitch: 7.5mm; Poles: 1P,2P

32A

750V

300V

Electrical

Rated current

pollution degree2

Surge voltage category /pollution degree

Rated surge voltage

Rated voltage

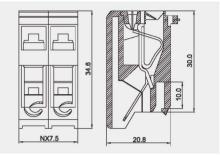
Rated insulation voltage

IEC/DIN VDE Techinical data

Rated insulation voltage with

UL/CUL(Approval data) Use Group UL/CUL





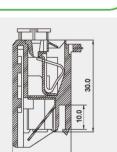
<del></del>	20.0	-	
Pitch: 7.5mm; F	Poles: 1	>	
<b>XElectrical</b>			
IEC/DIN VDE Techinical data			
Rated current	32A		
Rated insulation voltage with pollution degree2	750 V		
Surge voltage category /pollution degree	_	_	_
Rated insulation voltage	_	-	_
Rated surge voltage	_	-	_
UL/CUL(Approval data) Use Group UL/CUL	В	С	D
Rated voltage	300V	_	-
Rated current	20A	_	_
Connection capacity	20-10A	WG	
Solid/stranded	0.5-4.0r	mm²/0.5-	4.0mm
Stranded with ferrule without plastic sleeve		-	
Stranded with ferrule with plastic sleeve		-	
Multiple connection(2 conductors with same cross section)		-	
Solid/stranded		_	
Stranded with ferrule without plastic sleeve		_	
Stranded with TWIN ferrule with plastic sleeve		_	
<b>XMechanical</b>			
Torque		_	
Ambient temperature	-40°C~	+105°C	2
Stripping length	8-10m	m	
<b>XDImensions</b>			
Pitch	7.5mn	1(.295"	)
Poles	1P		
<b>*Material</b>			
Housing	PA66,	UL94V	-0

Rated current	20A — —	Rated current	20A — —
Connection capacity	20-10AWG	Connection capacity	20-10AWG
Solid/stranded	0.5-4.0mm <sup>2</sup> /0.5-4.0mm <sup>2</sup>	Solid/stranded	0.5-4.0mm <sup>2</sup> /0.5-4.0mm <sup>2</sup>
Stranded with ferrule without plastic sleeve	-	Stranded with ferrule without plastic sleeve	_
Stranded with ferrule with plastic sleeve	-	Stranded with ferrule with plastic sleeve	_
Multiple connection(2 conductors with same cross section)	-	Multiple connection(2 conductors with same cross section)	_
Solid/stranded	_	Solid/stranded	_
Stranded with ferrule without plastic sleeve	-	Stranded with ferrule without plastic sleeve	_
Stranded with TWIN ferrule with plastic sleeve	-	Stranded with TWIN ferrule with plastic sleeve	-
<b>*Mechanical</b>		<b> ™Mechanical</b>	
Torque	0.8Nm(7.0Lb-In.)	Torque	_
Ambient temperature	-40°C~+105°C	Ambient temperature	-40°C~+105°C
Stripping length	10-12mm	Stripping length	8-10mm
※Dimensions 尺寸		<b>XDImensions</b>	
Pitch	7.5mm(.295")	Pitch	7.5mm(.295")
Poles	1P,2P	Poles	1P
<b>*Material</b>		*Material	
Housing	PA66,UL94V-0	Housing	PA66,UL94V-0
Contact	Copper alloy	Contact	Copper alloy
Screws Cage	M3.5,steel,Cr3*Zn plated Brass,Ni plated	Wire guard	_
Product model Pcs./Pkt. Prod TSCW4-01P —	uct model Pcs./Pkt.	Product model Pcs./Pkt. Prod	luct model Pcs./Pkt.
TSCW4-02P —			
	_		
			05
			05

04

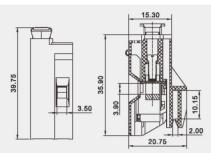






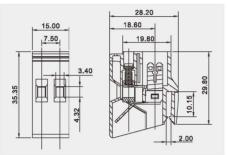
Pitc	h: 15.0mm;	Poles:	1D	
			111-	
<b>※Electrical</b>				
IEC/DIN VDE To	echinical data			
Rated current		10A		
Rated insulation pollution degree	2	750 V		
Surge voltage car /pollution degree	tegory	_	-	_
Rated insulation	n voltage	_	-	_
Rated surge vol	tage	_	_	_
UL/CUL(Approva UL/CUL	l data) Use Group	В	С	D
Rated voltage		300V		_
Rated current		10A	-	_
Connection capa	acity	20-10	AWG	
Solid/stranded		0.5-4.0	0.5-0mm <sup>2</sup>	4.0mm <sup>2</sup>
Stranded with plastic sleeve	ferrule without		_	
Stranded with fe sleeve	rrule with plastic		-	
Multiple connection with same cross s			_	
Solid/stranded			_	
Stranded with plastic sleeve	ferrule without		_	
Stranded with 7 plastic sleeve	TWIN ferrule with		_	
<b>※Mechanical</b>				
Torque			_	
Ambient tempera	iture	-40°C	~+105°(	2
Stripping length		8-10m	nm	
<b>XDImensions</b>				
Pitch		15.0r	nm(.59	1")
Poles		1P		
<b>*Material</b>				
Housing			,UL94V	
Contact		Сорр	er alloy	
Wire guard			_	
Product model TSPF4-01P	Pcs./Pkt. Pr	oduct mod	del P	cs./Pkt.
_	_	-		-





		ŀ	20.7	-	
Pitc	h: 7.5m	ım; Po	oles: 1	Р	
APPROVAL:	: <b>91</b> 1' (	€			
<b></b> Electrical					
IEC/DIN VDE Tec	chinical dat	ta			
Rated current			10A		
Rated insulation pollution degree2	voltage wit	h	750V		
Surge voltage cate /pollution degree	gory		-	-	_
Rated insulation	voltage		_	-	-
Rated surge volta	age		_	1-1	_
UL/CUL(Approval of UL/CUL	data) Use	Group	В	С	D
Rated voltage			600V	600V	_
Rated current			10A	10A	-
Connection capac	city		30-12/	WG	
Solid/stranded			0.5-2.5	mm²/0.5-2	2.5mm <sup>2</sup>
Stranded with fe plastic sleeve	errule with	out		_	
Stranded with fem sleeve	rule with pla	astic		_	
Multiple connection with same cross se		ors		_	
Solid/stranded				-	
Stranded with for plastic sleeve	errule wit	hout		-	
Stranded with TV plastic sleeve	VIN ferrule	with		-	
<b>XMechanical</b>					
Torque			0.5Nm	(4.4Lb-li	n.)
Ambient temperature			-40°C~+105°C		
Stripping length			8-10mm		
<b>XDImensions</b>					
Pitch			7.5mn	n(.295")	
Poles			1P		
<b>*Material</b>					
Housing			5000 Olivers	UL94V-	0
Contact				er alloy	nlatad
Screws Cage			M3.5,steel,Cr3-Zn plated Brass,Ni plated		
Product model	Pcs./Pkt	Drod	uct mod		e /Dld
TSCBF4-01P TSCBF4-02P	600 510	. 1100		er PC	





Pitc	h: 7.5mr	n; Po	oles: 1	P,2F	•
APPROVAL:	C€				
<b></b> Electrical					
IEC/DIN VDE Tec	chinical data				
Rated current			30 A		
Rated insulation pollution degree2	voltage with		690V		
Surge voltage cate /pollution degree	gory		_	<b>-</b> -₹	_
Rated insulation	voltage		_		_
Rated surge volta	age		_	_	-
UL/CUL(Approval of UL/CUL	data) Use G	roup	В	С	D
Rated voltage			600V	_	_
Rated current			30A	_	-
Connection capac	city		30-10A	WG	
Solid/stranded			0.2-4m	m²/0.2	-4mm²
Stranded with fe plastic sleeve	errule withou	ut		_	
Stranded with ferrule with plastic sleeve				-	
Multiple connection(2 conductors with same cross section)				_	
Solid/stranded				_	
Stranded with ferrule without plastic sleeve				_	
Stranded with TWIN ferrule with plastic sleeve				_	
<b>XMechanical</b>					
Torque			0.8Nm	(7.02L	b-ln.)
Ambient temperature			-40°C~+105°C		
Stripping length			8-10m	m	
<b>XDImensions</b>					
Pitch			7.5mm(.295")		
Poles			1P,2P		
<b>*Material</b>					
Housing			PA66,UL94V-0		
Contact		Copper alloy			
Screws					Zn plated
Cage			Brass,		
Product model	Pcs./Pkt.	Produ	uct mod	el F	cs./Pkt.
TSCK4-01P TSCK4-02P	500 410		_		_
.001(1021	110				



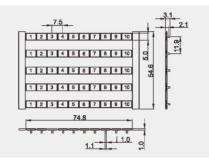
**\*Mechanical** Ambient temperature

Pitch

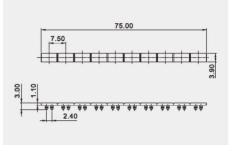
**\*Material** Housing



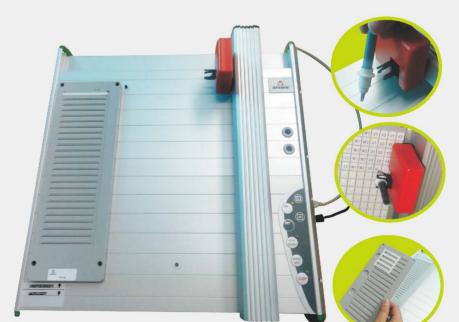








Pitch: 7.5mm;	Poles: 10P
Mechanical	
mbient temperature	-40°C~+105°C
Dimensions	
Pitch	7.5mm(.295")
oles	10P
Material	
lousing	PA66,UL94V-0
	1-1-1-10
roduct model	Pcs./Pkt.
SZB4-50P	3000



#### Model: DG100

DG 100 → TZB4, TSZB4, ZB4, ZB5, ZB6, ZB8, ZB10, DEK4, DEK5, DEK6, ZW5...

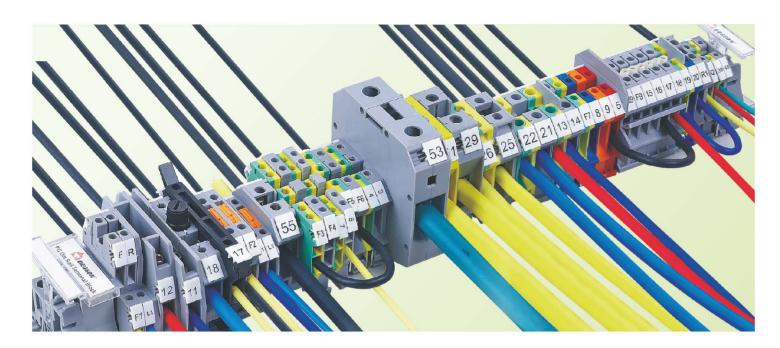
#### How to order:

<u> </u>	P	一口	<b>T</b> -	- [	X X Customer Rec	X juest
Series No.	No.of Pole  1 Single 2 Doub	e pitch 2 le pitch 3	Grey Blue Black Green	5 6 7	Orange Red Transparent Yellow	9 White

07







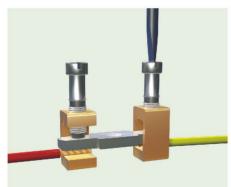
## PC copper alloy pressure clamp connection

- The insulator is made from PA66, with excellent pliability and fire resistance.
- · The blocks adopt copper alloy pressure clamp connection system with advantages of long-term protection from bad circumstance such as high humidity, salt spray.
- The unique pressure clamp connection with self-locking and loosening protection.
- The connect capacity ranges from 0.02 to 150 mm<sup>2</sup> with terminals of test, disconnection, fuse types etc.
- Low voltage drop.
- High ratio of quality and price.

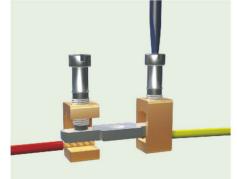
#### Self-locking

When the clamping screw is tightened, the clamping parts with cages, the screws resecured on the upper side of the cage. When the screw is tightened with a bigger torque, an elastic deformation occurs in the cage. In conjunction with the thread friction and the inherent elasticity of the cage material, this deformation effectively and progressively prevents the screw loosening, thus causing a locking action to be exerted on the screw. Once the conductor is tightened, it won't loose even under shaking, this keeps you free from maintenance in your long-term usage.











800V/57A 0.2-10mm² 191 600V/65A 20-6AWG 10.2/42.5/1.6mm

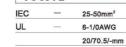


800V/76A 0.2-16mm² 191° 600V/85A 12-4AWG 12.2/42.5/1.5mm



1000V/125A 0.2-35mm² € 1000V/150A 25-50mm² 191° 600V/150A 18-1/0AWG 191 600V/125A 6-1/0AWG 15.2/50/-mm





## WS cage clamp

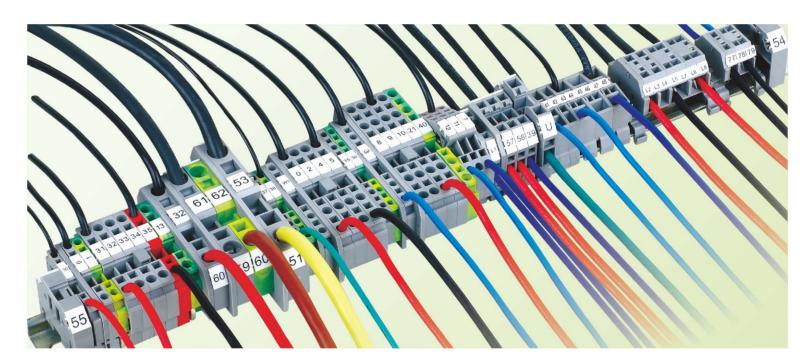
Is suitable for direct connection of solid, Stranded or fine standed machine tool wire as well as with crimped ferrules,pin terminals or tip bonded wire from 0.2mm2 to 16mm<sup>2</sup>.(It is used extensively in electrical and electrical application in awide range of industries.)

#### Features:

Apart from the wire stripper, the only tool required is a flat-bladed screwdriver. Once the conductor is inserted, the stainless steel CAGE CLAMP automatically provides the correct clamping force for a totally secure connection. The flat clamping face of the CAGE CLAMP presses the wire against the current bar, without risk of damage to the conductor. Concentration of the high clamping force (N) over the small cross-sectional area (mm²) results in a high specific contact pressure (N/ mm²).













	010	
((	800V/57A	0.2-10mm <sup>2</sup>
UL	600V/50A	24-8AWG
T/W/E	nd plate	10/78/2.5mm



**(€** 800V/76A 0.2-16mm² 191's 600V/65A 24-6AWG 12/94.5/2.5mm



9-FE	
	0.2-10mm²
	24-8AWG
olate	10/78/2.5mm
	olate



24-6AWG 12/94.5/2.5mm







Pluggable terminal blocks



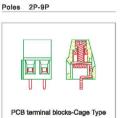
400V/32A 4mm² 1911 300V/30A 24-10AWG Poles 2P-12P



5EDGVC-7.62 5EDGVM-7.62 400V/32A **⚠** 400V/32A − A00V/30A UL 300V/30A Poles 2P-12P Poles 2P-12P



600V/57A € 600V/57A 300V/52A 1910 300V/52A



DG635-6.35 450V/32A 4.0mm² 300V/30A 26-10AWG Poles 2P,3P-24P

750V/26A 4.0mm²

Poles 2P.3P-24P

DG138T-10.16

Poles 1P-XXP

1000V/76A 0.5-16.0mm²

1911 600V/60A 20-6AWG

300V/30A 26-10AWG



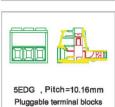
DG637-6.35 IEC 1000V/32A 4.0mm² .91 600V/30A 28-10AWG Poles 1P-XXP



**(€** 1000V/65A 2.5-16.0mm² 91 600V/60A 20-6AWG Poles 2P,3P-24P



5EDGKM-7.62 400V/32A 4mm² : 300V/30A 24-10AWG Poles 2P-12P



5EDGVC-10.16

€ 600V/57A —

1911 300V/52A

DG636-6.35

Poles 2P,3P-24P

DG135T-10.16

Poles 2P.3P-24P

DG137T-15.0

Poles 2P,3P-9P

1000V/115A 4.0-35.0mm<sup>2</sup>

91 600V/115A 20-2AWG

750V/57A 10.0mm²

300V/52A 20-6AWG

450V/24A 4.0mm<sup>2</sup>

:91°s 300V/30A 26-10AWG

Poles 2P-9P



5EDGRC-7.62

**⚠** 400V/32A −

91' a 300V/30A





600V/57A 91° a 300V/52A Poles 2P-9P



630V/32A 0.2-4.0mm<sup>2</sup> 300V/30A 26-10AWG Poles 2P,3P-24P



DG136T-10.16 1000V/65A 2.5-16.0mm<sup>2</sup> 191's 300V/60A 20-6AWG



:91's 600V/115A 20-2AWG

Poles 2P.3P-9P

DG137TM-15.0-10A

1000V/65A 2.5-16mm²

1911's 300V/60A 20-6AWG

Poles 2P,3P-24P





5EDGRM-7.62 △ 400V/32A -.91's 300V/30A -Poles 2P-12P



600V/57A 0.5-10.0mm<sup>2</sup> 1911 300V/52A 20-6AWG

Poles 2P-9P



5EDGVC/RC-7.62 5EDGVM/RM-7.62



1000V/32A 0.2-4.0mm<sup>2</sup> 1911 300V/30A 26-10AWG Poles 2P,3P-24P



**C€** 600V/60A 191 600V/80A Poles 1P-XXP

DGR150-20A H=45.0mm

1910° 11 600V/155A 20-2/0AWG

C€ 1000V/155A 70mm²

Poles 1P-XXP



DGI	R60-20A	H=38.0mm		
C€	600V/60A	25mm²		
<b>.717</b> :	600V/80A	20-4AWG		
Poles	1P-XXP			



**DGR200** € 800V/200A 95mm² 13 600V/200A 20-4/0AWG Poles 1P-XXP



**DGR100** C€ 800V/100A 35mm² UL 600V/101A 20-2AWG Poles 1P-XXP



DGR200-20A **C€** 800V/200A 95mm² 191 u 600V/200A 20-4/0AWG Poles 1P-XXP



**DGR150** 

connection.

• Barrier terminal block simple

• Wire range: 0.5mm<sup>2</sup>-150mm<sup>2</sup>.

• Product design conforms to IEC, UL.

structure, easy and firm

Max.load current 155A.

(€ 800V/100A 35mm² UL 600V/101A 20-2AWG Poles 1P-XXP



**DGR150** 



R300	H=63.0mm		
800V/300A	150mm²		
600V/300A	20-300kcmil		
1P-XXP			
	800V/300A 600V/300A		



UL 600V/300A 20-300kcmil

Poles 1P-XXP

