utions

ЕТЭК

VSK SERIES DIN RAILS SCREW CLAMP TERMINAL BLOCKS

Downloaded from chalongroup.co.uk

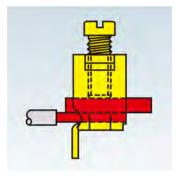




Wiring Systems

The task of wiring system is used to perform mechanical and electric connection solidly and reliably. LNSO wire pressing frame can realize this function effectively.

This frame is made of steel being quenched and galvanized, able to withstand large torque from screw, press the conductor firmly. Copper conductive plate coated with Tin-Pb alloy, to ensure the air sealing, low resistance, solidness of the connection. This wiring system has the advantages as below:



- Large contact area, large contacting pressure, horizontally extend to be connected freely.
- Self-locked, anti-shake, loose proof.
- Side test hole can be mounted, maintenance not needed.
- Air sealed at contacting point completely, anti-corrosion.
- The connection of multiple stranded cable does not need lug/connector, can be connected directly. ior conti
- Easy to use.
- Worldwide used.

Conductive Busbar



The conductive busbar is made of copper with coating of tin-silver alloy which have good electric conductive and anti-corrosive performances, nickel layer will be plated on tin-silver coating in order to prevent tin atom from desquamating.

Wire Compressing Frame



The wire compressing frame made of soft steel which has been treat with cementite, galvanization, and chromic acid passivated ways, finally it not only has good mechanical performances, also high anticorrosive characteristics not lower than copper made frame.

ЕТЭК°

Screw and Wire Compressing Frame Assembly



VSK screw and wire compressing frame assembly made by our company can engender 750N contacting force by a torque of 0.8Nm applied to the screw.

This can guarantee technical requirement and reliability on connection. Please use proper tool, torque shall be controlled within specified range, to avoid being damaged.

Low Voltage Drop

800

700

600·

500

400

300

200

100

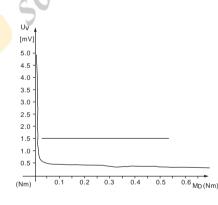
0.1 0.2

The voltage drop value of contacting point is also a factor to identify the quality of electric connection. Even if the screw is turned by use of small torque, the voltage drop value will still be much smaller than the limit of requirement. Meanwhile the large change of applied torque will make the voltage drop hardly to change.

Consequently even if different operator uses different torque to fix, it will not have influence on the effect of connection, which is a proof that our wire pressing frame is really effective.

Illustration between contacting pressure and torsional torque MD of VSK-2.5 wire compressing frame.

0.3 0.4 0.5 0.6 0.7 0.8 MD(Nm)



Voltage drop and torque of a crimping frame for VSK-2.5 Schematic diagram of MD relationship, wire: H07V-U2.5



Universal Terminal Blocks

stripping length(mm) 10 12 Parameter 800 Current rating(A) 24 32 41 Urices action(mm) 2.5 4 6 connecting Capacity 0.5-4 0.5-5 0.5-10 glight wire range(mm) 0.5-4 0.5-6 0.5-10 Soft wire range(mm) 0.5-2.5 0.5-4 0.5-6 Clapboard, 1.5mm Type 7 7 Clapboard, 1.5mm VSK-250/10 VSK-60/1 VSK-60/1 Clapboard, 1.5mm VSK-250/10 VSK-60/1 VSK-60/1 Clapboard, 1.5mm VSK-250/10 VSK-40/3 VSK-60/3 Clapboard, 1.5mm VSK-250/10 VSK-40/3 VSK-60/3 Clapboard (Sop) VSK-250/10 VSK-40/3 VSK-60/3 Uninks VSK-250/20 VSK-40/3 VSK-60/3 Sop VSK-250/20 VSK-40/2 VSK-60/2 NR alis VSK Sop Sop Sop Anar Sop Sop Sop Sop Sop Anar Sop Sop Sop Sop Sop					
Jamensions 40/6/41 40/6/41 40/6/46 40/8/46 Mark is Length x Height(mm) M2.5 M3 08.5 Jorque(Nm) 0,40.6 0.51.0 0.981.6 Bripping length(mm) 10 12 22 Arameter 10 12 22 Folge rating(N) 2,2 41 32 41 Concepting Capacity 2,4 32 41 Urrent tating(A) 2,5 4 6 Someting Capacity 2,5 4 6 Connecting Capacity 0,5,4 0,5,6 0,5,10 Sold twire range(mm) 0,5,4 0,5,6 0,5,6 Sold twire range(mm) 0,5,6,2,5 0,5,4 0,5,6 Sold twire range(mm) 0,5,6 0,5,10 0,5,6,6,0 Unappe VSK-CP1 VSK-CP1 VSK-CP1 Ulappe VSK-2,5/2 VSK-					
With x Length x Height(mm)40/6/4140/6/4140/6/4640/8/46Aominal screw diameter(mm)M2.5M3M8.5Graque(Nm)0.44.60.51.00.84.6Arripping length(mm)1022Parameter0.44.60.51.00.84.6Carrent rating(A)2.43.24.1Wire section(mm)2.546Connecting Capacity0.54.40.54.60.51.0Carrent rating(A)0.52.50.540.56Connecting Capacity0.52.50.540.56Calapboard, 1.5mm0.52.50.540.56Calapboard, 1.5mmVSK-GP1VSK-GP1UnperVSK-GP1VSK-GP1VSK-GP1UnperVSK-GP1VSK-GP1VSK-GP1UnperVSK-GP1VSK-GP1VSK-GP1UnperVSK-GP2VSK-40/10VSK-60/10UnperVSK-GP2VSK-40/10VSK-60/10UnperVSK-GP2VSK-40/10VSK-60/10UnperVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-60/20VSK-60/20UniksVSK-GP2VSK-GP2VSK-60/20Uniks <td></td> <td></td> <td>VSK-2.5EN</td> <td>VSK-4EN</td> <td>VSK-6EN</td>			VSK-2.5EN	VSK-4EN	VSK-6EN
Nominal scew diameter (mm) M2.5 M3 M8.5 forque (Mm) 0.44.6.6 0.51.0 0.84.6 Stripping length (mm) 10 12 Parameter 5000 5000 Concert string(A) 24 32 41 Vire section (mm) 22 4 6 Connecting Capacity 25 4 6 Connecting Capacity 0.54 0.55 0.510 Soft wire range(mm) 0.54 0.55 0.510 Soft wire range(mm) 0.54 0.55 0.510 Soft wire range(mm) 0.54 0.55 0.54 Soft wire range(mm) 0.54 0.54 0.56 Soft wire range(mm) VSK Soft VSK GP1 VSK GP1 VSK GP1 VSK GP1 VSK GP1 VSK GP1 VSK 40/3 VSK 40/3 VSK 40/3 VSK 40/3 VSK 50/3 VSK 40/3 VSK 40/3 VSK 40/3 VSK 40 VSK 40/3 VSK 40/3 VSK 40/3 NIN Raits					
orque(Nm) 0.4.0.6 0.5.1.0 0.8.1.6 Baripping length(mm) 10 12 Parameter 800 800 Current ting(A) 24 32 41 Vire section(mm) 24 32 41 Some cing (Spacing (Spac					
stripping length(mm) 10 12 Parameter 800 Collage rating(V) 24 32 41 Urrent ting(A) 24 32 41 Connecting Capacity 25 4 6 Softwire range(mm ²) 0.54 0.56 0.5.10 Softwire range(mm ²) 0.52 0.54 0.56 Softwire range(m ²) 0.52.5 0.54 0.56 Softwire range(m ²) 0.56.5 0.5.10 0.54 0.56 Softwire range(m ²) 0.52.5 0.54 0.56 0.510 Softwire range(m ²) 0.56.5 0.54 0.56 0.510 Softwire range(m ²) 0.55.2 0.54 0.56 0.510 Softwire range(m ²) VSK-6.01 VSK-6.01 VSK-6.01 VSK-6.01 VSK-6.01 Softwire range(m ²) VSK-2.50/10 VSK-4.03 VSK-6.02 VSK-6.02 VSK-6.02 Softwire range VSK-2.50/20 VSK-4.03 VSK-6.02 VSK-6.02 VSK-6.02 VSK-6.02 VSK-6.02 VSK-6.02 VSK-6.02 VSK-6.02 VSK-6.02					
Arameter 800 Joltage rating(V) 24 32 41 Current rating(A) 2.5 4 6 Connecting Capacity 2.5 4 6 Connecting Capacity 0.5.4 0.5.6 0.5.10 Soft wire range(mm*) 0.5.2 0.5.4 0.5.6 Softwire range(mm*) Softwire range(mm*) 0.5.4 0.5.6 Softwire range(mm*) Softwire range(m*) VSK-6P1 VSK-6P1 Value Softwire range(m*) VSK-6P1 VSK-6P1 VSK-6P1 Value Softwire range(m*) VSK-6P1 VSK-6P1 VSK-6P1 Palmine S	Torque(Nm)				
Addage rating(V) 800 Current rating(A) 24 32 41 Wire section(mm ²) 2,5 4 6 Connecting Capacity 0,5,4 0,5,6 0,5,10 Soft wire range(mm ²) 0,5,4 0,5,6 0,5,10 Soft wire range(m ²) VSK & GP1 VSK & GP1 VSK & GP1 Unper VSK & Soft O VSK & GP1 VSK & GP1 Unper VSK & Soft O VSK & GP1 VSK & GP1 Soft Wire range (mine range (mine range) VSK & Soft O VSK & GP1 Unper VSK & Soft O VSK & GP1 VSK & GP1 Soft Wire range (mine range) VSK & Soft O VSK & GP1 VSK & GP1 Unper <	Stripping length(mm)		10		2
Lurent rating(A) 24 32 41 Wire section(nm ²) 2.5 4 6 Connecting Capacity 0.5.4 0.5.6 0.5.10 Soft wire range(nm ²) 0.5.2.5 0.5.4 0.5.6 Clapboard, 1.5mm Type 7 Clapboard, 1.5mm AP-2.5 AP4/10 AP-4/10 Clapboard, 1.5mm VSK cP1 VSK cP1 VSK cP1 Clapboard, 1.5mm VSK cP1 VSK cP1 VSK cP1 Clapboard, 1.5mm VSK cP1 VSK cP1 VSK cP1 Unrepr VSK 2.50/10 VSK 40/10 VSK cP1 Unrepr VSK 2.50/20 VSK 40/20 VSK 60/10 VSK 2.50/20 VSK 40/20 VSK 60/20 VSK 2.50/20 No Raits EW35 EW35 EW35 No Raits TH35 7.5 G32.15 G32.15 Ark Tag Stell Horizontal) VSB (Horizontal) VSB (Horizontal)	Parameter)
Wire section(mm ²) 25 4 6 Connecting Capacity 0.54 0.56 0.510 Rigidity wire range(mm ²) 0.52.5 0.54 0.56 Clapboard, 1.5mm Type 7 Clapboard, 1.5mm Pre-25 AP-4/10 AP-4/10 Clapboard, 1.5mm VSK-GP1 VSK-GP1 VSK-GP1 Clapboard, 1.5mm VSK-SCQ/10 VSK-4Q/20 VSK-GP1 Clapboard, Italies EW35 EW35 EW35 Clapboard, Italies Italies Italies Italies Clapboard, Italies Italies Italies Italies Start Tag Italies VSB (Horizontal) Italies Pre-printed 10 no. H	/oltage rating(V)			800	
Connecting Capacity 0.5-4 0.5-6 0.5.10 Rigidity wire range(mm ²) 0.5-2.5 0.5-4 0.5-6 Capboard, 1.5mm 0.5-2.5 0.5-4 0.5-6 Capboard, 1.5mm 0.5-2.5 AP-4/10 AP-4/10 Capboard, 1.5mm 0.5-6 VSK-6P1 VSK-6P1 Capboard 0.5-6 VSK-6P1 VSK-6P1 Capboard 0.5-6 VSK-6P1 VSK-6P1 Capboard 0.5-6 VSK-6P1 VSK-6P1 Capboard VSK-2.5Q/2 VSK-4Q/10 VSK-6Q/10 NSK VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 Capboard VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 Capboard VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 Capboard VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 Capboard VSK Sample Sample Capboard VSK Sample Sample Capboard VSK Sample Sample Capboard VSK Sample <td< td=""><td>Current rating(A)</td><td></td><td></td><td>32</td><td>41</td></td<>	Current rating(A)			32	41
Ngidity wire range(mm ²) 0.54 0.5-6 0.5-10 Soft wire range(mm ²) 0.5-2.5 0.5-4 0.5-6 Clapboard Image and image	Vire section(mm ²)		2.5	4	6
Soft wire range(mr) 0.5-2.5 0.5-4 0.5-6 Llapboard, 1.5mm Type Image: Constraint of the second of	Connecting Capacity				
Clapboard Type Clapboard AP-2.5 AP-4/10 AP-4/10 VSK-GP1 VSK-GP1 VSK-GP1 VSK-GP1 Jumper VSK-2.50/10 VSK-40/10 VSK-60/10 Binks Image: Conservation of the second				0.5-6	0.5-10
AP2.5 AP4/10 AP4/10 Unineer VSK-GP1 VSK-GP1 VSK-GP1 10 links Image: Constraint of the second of the			0.5-2.5	V	0.5-6
Clapboard VSK-GP1 VSK-GP1 VSK-GP1 VSK-GP1 Jumper VSK-2.5Q/10 VSK-4Q/10 VSK-6Q/10 B links Image: Constraint of the second	Clapboard, 1.5mm			Туре	
VSK-GP1 VSK-GP1 VSK-GP1 VSK-GP1 Jumper 10 links VSK-GV10 VSK-GV10 VSK-GQ10 Binks VSK-GSQ10 VSK-4Q/10 VSK-GQ10 VSK-GQ10 Binks VSK-2SQ13 VSK-4Q/3 VSK-6Q13 VSK-6Q12 Binks VSK-2SQ12 VSK-4Q12 VSK-6Q12 VSK-6Q12 Binks VSK-2SQ12 VSK-4Q12 VSK-6Q12 Stop VSK-2SQ12 VSK-4Q12 VSK-6Q12 Ind Stop EW35 EW35 EW35 VIN Rails Image: Comparing the second secon	Clapboard				
No links VSK-2.5Q/10 VSK-4Q/10 VSK-6Q/10 8 links VSK-2.5Q/3 VSK-4Q/3 VSK-6Q/3 1 links VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 1 links VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 1 links VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 1 links Image: Second Se			VSK-GP1	VSK-GP1	VSK-GP1
B links VSK-2.5Q/3 VSK-4Q/3 VSK-6Q/3 B links VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 Ind Stop Image: State St	Jumper				
Mins V3K-2.5Q/3 V3K-4Q/3 V3K-6Q/3 2 links VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 end Stop Image: Second Stop Image: Second Stop Image: Second Stop DIN Rails Image: Second Stop Image: Second Stop Image: Second Stop Mountable rail type Image: Second Stop Image: Second Stop Image: Second Stop Mark Tag Image: Second Stop VSB Image: Second Stop Pre-printed 10 no. Horz Image: Second Stop VSB (Horizontal)	10 links	1 11 H	VSK-2.5Q/10	VSK-4Q/10	VSK-6Q/10
Inins VSK-2.5Q/2 VSK-4Q/2 VSK-6Q/2 End Stop EW35 EW35 EW35 DIN Rails TH35-7.5 G32-15 G32-15 Adark Tag Image: Star Star Star Star Star Star Star Star	3 links		VSK-2.5Q/3	VSK-4Q/3	VSK-6Q/3
Image: Display state st	2 links	Cocces ninin	VSK-2.5Q/2	VSK-4Q/2	VSK-6Q/2
DIN Rails Aountable rail type Advantable rail type <td>End Stop</td> <td></td> <td></td> <td></td> <td></td>	End Stop				
Mountable rail type TH35-7.5 Mark Tag G32-15 Blank VSB Pre-printed 10 no. Horz VSB (Horizontal)		To be and the second se		EW35	
Mark Tag Blank VSB Pre-printed 10 no. Horz VSB (Horizontal)	DIN Rails				
Mark Tag Blank VSB Pre-printed 10 no. Horz VSB (Horizontal)		tune		TH35-7.5	
Blank VSB Pre-printed 10 no. Horz VSB (Horizontal)	Mountable rail type			G32-15	
Pre-printed 10 no. Horz VSB (Horizontal)	Mark Tag				
Pre-printed 10 no. Horz VSB (Horizontal)	Blank			VSB	
	Pre-printed 10 no. Horz			VSB (Horizontal)	
	Pre-printed 10 no. Vert			VSB (Vertical)	

Remarks: This series of products can be ordered in any combination, and the gray model is JXB series.

ЕТЭК°

Universal Terminal Blocks

	THE DAY				
VSK-10EN	VSK-16EN	VSK-35EN	VSK-70EN		
40/10/46	50/12/52	58.5/18/62	77/22/79		
M4		M6	M6 (Hexagon)		
2.0-2.		2.5-5.0	6.0-12		
12	15	20	24		
			XO'		
	800				
57	76	125	192		
10	16	35	70		
1.5-16	4-16	4-50	16-70		
1.5-10		4-35			
AP-4/10 VSK-GP1	AP-16 VSK-GP1	AP-35	AP-70		
VSK-GP1	VSK-GP1				
	100/100/10		VCK 700 (10		
VSK-10Q/10	VSK-16Q/10	VSK-35Q/10	VSK-70Q/10		
VSK-10Q/3	VSK-16Q/3	VSK-35Q/3	VSK-70Q/3		
VSK-10Q/2	VSK-16Q/2	VSK-35Q/2	VSK-70Q/2		
	EW3	35			
	TUSE	7.5			
TH35-7.5					
632-15					
	VSE	3			
	VSB (Horizontal)				
	VSB (Ve				



Test Terminal Blocks / Double Layer Mutual Link Terminal Blocks

	_	WTL6/1	DK4Q/35 DK4Q/35L
Dimensions			
Nidth x Length x Height(mm)		71/8/51	55.5/6.2/56
Nominal screw diameter(mm)		M3.5	M3
Forque(Nm)		0.8-1.6	0.5-1.0
Stripping length(mm)		12	9
Parameter			
oltage rating(V)		630	500
urrent rating(A)		41	32
/ire section(mm ²)		6	4
connecting Capacity			
ligidity wire range(mm²)		0.5.10	0.5-6
oft wire range(mm²)		0.5-10	0.5-4
Clapboard, 1.5mm			Туре
Clapboard		AP-WTL6/1	AP-DK4Q
lumper			
0 links	ili tüt	DK4Q-35Q/10	
links			DK4Q-35Q/3
links	cocceca hhh	DK4Q-35Q/2	
nd Stop			
	Fire		EW35
DIN Rails			
Asiuntahla milituma	Too Mon	TH35-7.5 G32-15	
Mountable rail type			
Mark Tag			
Blank			VSB
Pre-printed 10 no. Horz	12345878910	VSB (Horizontal)	
Pre-printed 10 no. Vert	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	VSB (Vertical)	

ЕТЭК°

Fuse Terminal Blocks

		VSK-1EN	VSK-1ENLED
Dimensions			
Width x Length x Height(mm)		58/8/41.5	
Nominal screw diameter(mm)		М3	
Torque(Nm)		0.5-1.0	()
Stripping length(mm)		9	N
Parameter			
Voltage rating(V)		500	
Current rating(A)		6.3	
Wire section(mm ²)		4	
Connecting Capacity			
Rigidity wire range(mm ²)		0.5-4	
Soft wire range(mm ²)		0.5-4	
Clapboard, 1.5mm		Туре	
Clapboard		AP-1EN	
Jumper			
2 links	ļļ III —		
3 links			
10 links			
End Stop			
	FILLE		
		EW35	
DIN Rails			
Mountable rail type		TH35-7.5	
	V V	G32-15	
Mark Tag			
Blank		VSB	
Pre-printed 10 no. Horz Pre-printed 10 no. Vert		VSB (Horizontal)	
The printed 10 no. Vert		VSB (Vertical)	
		Fuse type 5x25	



Ground Terminal Blocks

		EK 2.5/35	EK 4/35	EK 6/35
Dimensions				
Width x Length x Height(mm)		57/6/37	57/6.6/41	57/8/41.5
Nominal screw diameter(mm)		M2.5	M3	M3.5
Torque(Nm)		0.4-0.8	0.5-1.0	0.8-1.6
Stripping length(mm)		10		12
Parameter				<u>) </u>
Voltage rating(V)			800	0.5.40
Current rating(A)		0.5-4	0.5-6	0.5-10
Wire section(mm²) End Stop		0.5-2.5	0.5-4	0.5-6
DIN Rails		<u> </u>		
Mountable rail type			TH35-7.5	
Mark Tag				
Blank			VSB	
Pre-printed 10 no. Horz	1234567890		VSB (Horizontal)	
Pre-printed 10 no. Vert				
It modern industry of equipment manufa				1 Stan
connections shall have clear la <mark>bels, our</mark> S				112.
EW35 labeling products can meet with th	ese requirements	M	and the second second	
		SCHT3	SCHT5	EW35
Dimensions		30113	30113	EWSS
Dimensions Width x Length x Height(mm)		43/9.5/35.5	42.4/15/43.2	46.6/8.3/30.6
		TJ/J.J/J.J.J	74.7/1.1/4.3.2	TU.U/U

	43/9.5/35.5	42.4/15/43.2	46.6/8.3/30.6
Too May		G32-15	
		TH35-7.5	
			G32-15

ЕТЭК°

Ground Terminal Blocks

EK 10/35	EK 16/35	EK 35/35
57/9.8/41	56.5/12/47	58.8/16/60 M6
2.0-2		2.5-5.0
12	15	20
	800	
57	76	125
10	16	35
	EW35	
	TH35-7.5	
	VSB	
	VSB (Horizontal)	
	VSB (Vertical)	