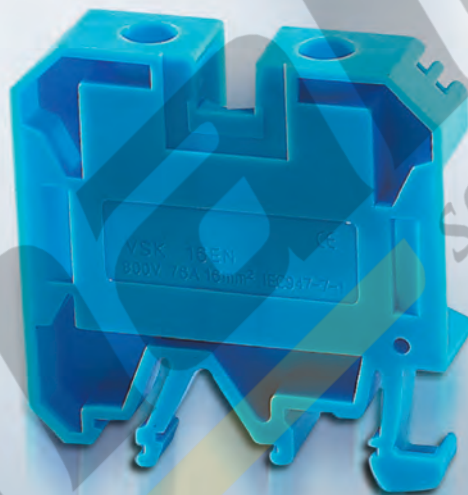
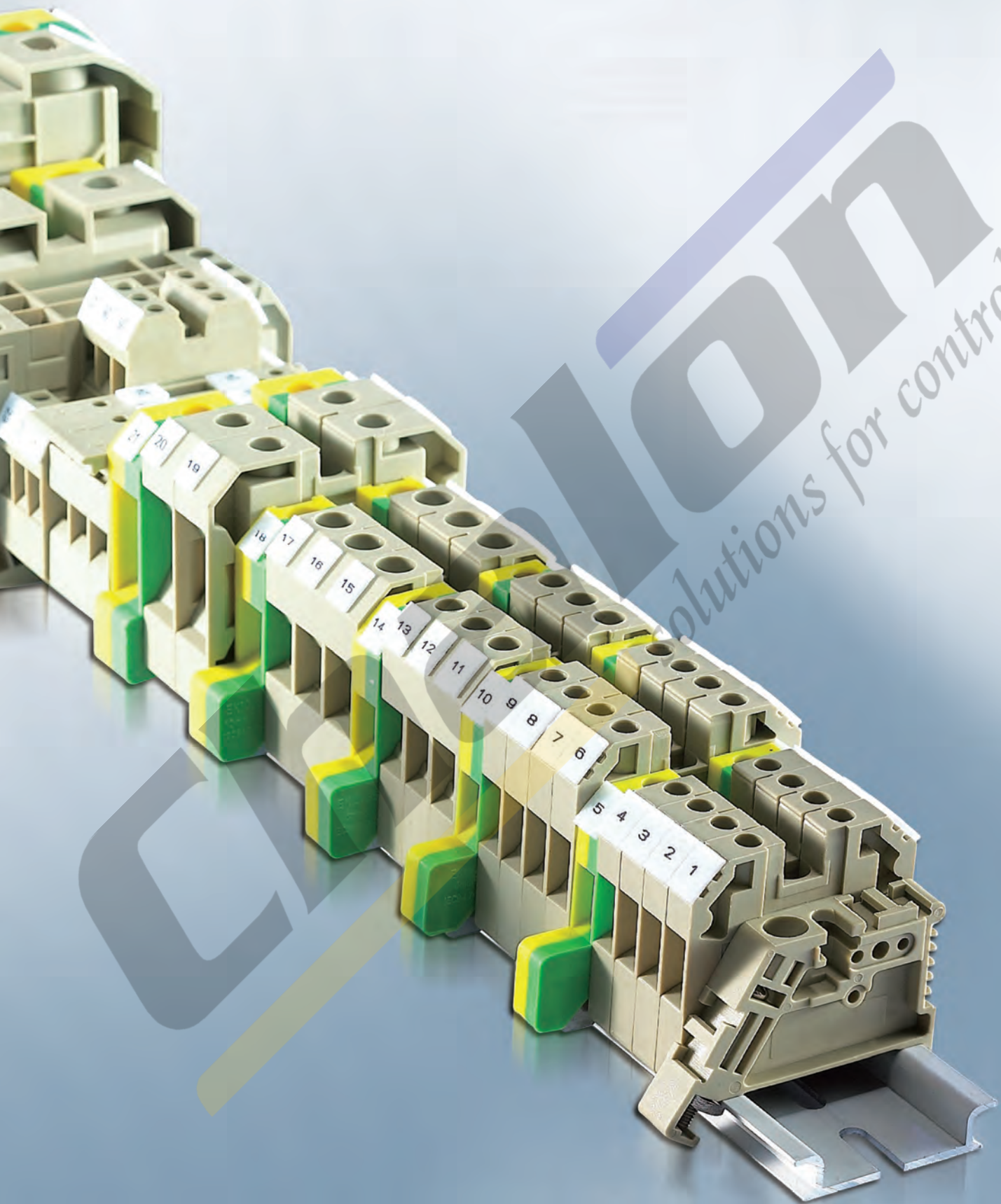


ETAK

VSK SERIES DIN RAILS SCREW CLAMP
TERMINAL BLOCKS



CHALONGROUP solutions for control

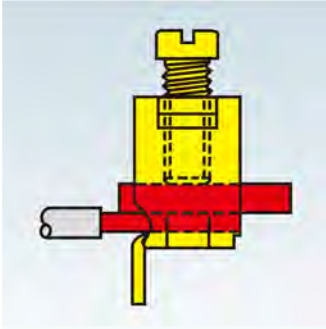


Wiring Systems

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.
- 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.

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

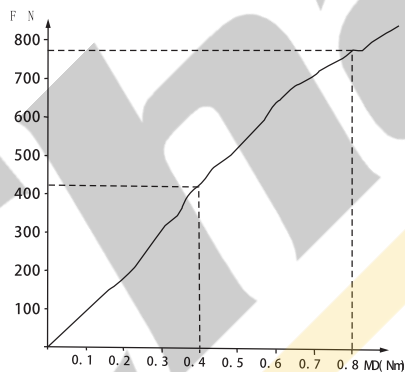
The voltage drop value of contacting point is also a factor to identify the quality of electric connection.

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.

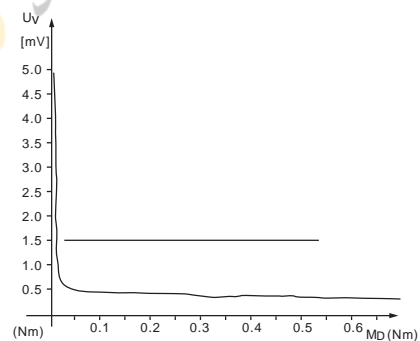
Meanwhile the large change of applied torque will make the voltage drop hardly to change.

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.

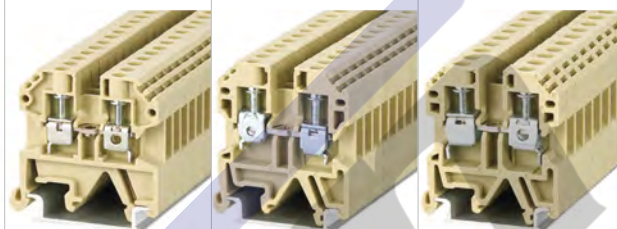
Illustration between contacting pressure and torsional torque MD of VSK-2.5 wire compressing frame.



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



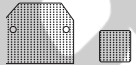




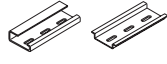



Universal Terminal Blocks



VSK-2.5EN

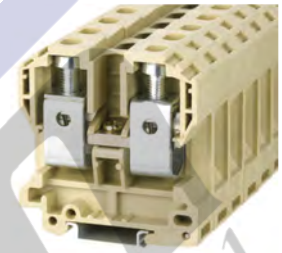
VSK-4EN

VSK-6EN

Dimensions		VSK-2.5EN	VSK-4EN	VSK-6EN
Width x Length x Height(mm)		40/6/41	40/6.5/46	40/8/46
Nominal screw diameter(mm)		M2.5	M3	M3.5
Torque(Nm)		0.4-0.6	0.5-1.0	0.8-1.6
Stripping length(mm)		10	12	
Parameter				
Voltage rating(V)			800	
Current rating(A)		24	32	41
Wire section(mm ²)		2.5	4	6
Connecting Capacity				
Rigidity wire range(mm ²)		0.5-4	0.5-6	0.5-10
Soft wire range(mm ²)		0.5-2.5	0.5-4	0.5-6
Clapboard, 1.5mm		Type		
Clapboard		AP-2.5 VSK-GP1	AP-4/10 VSK-GP1	AP-4/10 VSK-GP1
Jumper				
10 links		VSK-2.5Q/10	VSK-4Q/10	VSK-6Q/10
3 links		VSK-2.5Q/3	VSK-4Q/3	VSK-6Q/3
2 links		VSK-2.5Q/2	VSK-4Q/2	VSK-6Q/2
End Stop				
			EW35	
DIN Rails				
Mountable rail type			TH35-7.5 G32-15	
Mark Tag				
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.

Universal Terminal Blocks



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)
2.0-2.4		2.5-5.0	6.0-12
12	15	20	24
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-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
EW35			
TH35-7.5			
G32-15			
VSB			
VSB (Horizontal)			
VSB (Vertical)			

Test Terminal Blocks / Double Layer Mutual Link Terminal Blocks






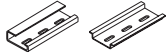



				
		WTL6/1	DK4Q/35	DK4Q/35L
Dimensions				
Width x Length x Height(mm)		71,8/51	55,5/6,2/56	
Nominal screw diameter(mm)		M3,5	M3	
Torque(Nm)		0,8-1,6	0,5-1,0	
Stripping length(mm)		12	9	
Parameter				
Voltage rating(V)		630	500	
Current rating(A)		41	32	
Wire section(mm ²)		6	4	
Connecting Capacity				
Rigidity wire range(mm ²)		0,5-10		0,5-6
Soft wire range(mm ²)				0,5-4
Clapboard, 1,5mm		Type		
Clapboard		AP-WTL6/1	AP-DK4Q	
Jumper				
10 links			DK4Q-35Q/10	
3 links			DK4Q-35Q/3	
2 links			DK4Q-35Q/2	
End Stop				
			EW35	
DIN Rails				
Mountable rail type			TH35-7,5	G32-15
Mark Tag				
Blank			VSB	
Pre-printed 10 no. Horz			VSB (Horizontal)	
Pre-printed 10 no. Vert			VSB (Vertical)	

Fuse Terminal Blocks



VSK-1EN






VSK-1ENLED

Dimensions			
Width x Length x Height(mm)		58/8/41.5	
Nominal screw diameter(mm)		M3	
Torque(Nm)		0.5-1.0	
Stripping length(mm)		9	
Parameter			
Voltage rating(V)		500	
Current rating(A)		6.3	
Wire section(mm ²)		4	
Connecting Capacity			
Rigidity wire range(mm ²)			
Soft wire range(mm ²)		0.5-4	
Clapboard, 1.5mm		Type	
Clapboard			AP-1EN
Jumper			
2 links			
3 links			
10 links			
End Stop			
			EW35
DIN Rails			
Mountable rail type			TH35-7.5 G32-15
Mark Tag			
Blank			VSB
Pre-printed 10 no. Horz			VSB (Horizontal)
Pre-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			
Voltage rating(V)		800	
Current rating(A)	0.5-4	0.5-6	0.5-10
Wire section(mm ²)	0.5-2.5	0.5-4	0.5-6
End Stop			
		EW35	
DIN Rails			
Mountable rail type		TH35-7.5	
Mark Tag			
Blank		VSB	
Pre-printed 10 no. Horz		VSB (Horizontal)	
Pre-printed 10 no. Vert		VSB (Vertical)	

In modern industry of equipment manufacturing, electric connections shall have clear labels, our SCHAT3, SCHAT5, EW35 labeling products can meet with these requirements

			
	SCHAT3	SCHAT5	EW35
Dimensions			
Width x Length x Height(mm)	43/9.5/35.5	42.4/15/43.2	46.6/8.3/30.6
DIN Rails			
Mountable rail type		G32-15	
		TH35-7.5	

Ground Terminal Blocks



EK 10/35



EK 16/35



EK 35/35

57/9.8/41		56.5/12/47		58.8/16/60
	M4			M6
	2.0-2.4			2.5-5.0
12		15		20
		800		
57		76		125
10		16		35
		EW35		
		TH35-7.5		
		VSB		
		VSB (Horizontal)		
		VSB (Vertical)		