

Offset Double Level, Feed-Through Terminals

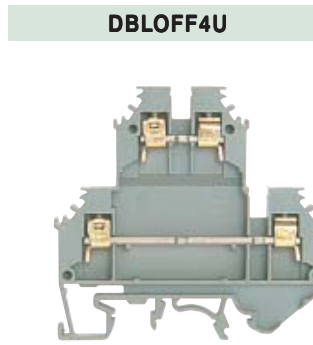
The offset double level terminals not only provide separate connection possibility at two levels, but the top level is offset from bottom level by half the thickness of terminal.




Therefore the DBLOFF terminals offer following advantages.

- Double wiring density without extension of mounting rails.
- Bottom level screws have better accessibility for tightening/loosening.
- Easier interconnections and shorting can be done at both levels.
- Marking tags of bottom level are not obstructed by wires connected at top level.

It is recommended to use spacer or end plate at both the ends of assembled set of DBLOFF terminals for flat alignment to enable effective use of end stops or clamps.

"Add-On" type DBLOFF terminal block is available on request.



Terminal Pitch		6 mm						
Height x Width		63 x 68 mm						
Connection Possibility	Stranded Wire	0.5 to 4 sq.mm						
	Solid Wire	0.5 to 6 sq.mm						
Stripping Length		9 mm						
Insulation Material		Polyamide 6.6						
Type of Connection		4 screw clamps and 2 tapped holes for cross connection						
Approvals		  						
Rated Cross Section		22-12 AWG 0.5-4 sq.mm 22-10 AWG						
Voltage Rating		600 V 600 V 600 V						
Current Rating		25 A 32 A **35 A						
Torque		7 lb-in 0.5 Nm 7 lb-in						
		<table border="1"> <thead> <tr> <th>Type Cat No.</th> <th>Std. Packing in Nos.</th> <th>Wt Per unit in Grams</th> </tr> </thead> <tbody> <tr> <td>DBLOFF4U</td> <td>50</td> <td>13</td> </tr> </tbody> </table>	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	DBLOFF4U	50	13
Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams						
DBLOFF4U	50	13						
Terminal Station		DBLOFF4U						
End Plate	Front Side	EPDBLOFF4U	50	4.2				
	Back Side	EPDBLOFF4UA	50	2.5				
Mounting Rail	DIN 32G	50 M	750					
	DIN 35U	50 M	360					
	DIN 35-15D	50 M	700					
End Clamp	ES1S	50	15.3					
	ES2S	50	15.1					
	ES3S	50	7.0					
	ES2N	50	7.4					
	ES3N	50	4.5					
Pre Assembled Shorting Links	2 way	PASL6/2A	10	1.1				
	3 way	PASL6/3A	10	1.25				
	4 way	PASL6/4A	10	1.5				
	10 way	PASL6/10A	10	9.5				
	Permanent Shorting Link	2 way	PSL06/2	100	0.3			
3 way		PSL06/3	100	0.5				
4 way		PSL06/4	100	0.7				
10 way		PSL06/10	100	1.7				
Short Sleeve for quick Permanent Shorting		SS01	100	0.7				
Removable Shorting Link	RSL6A	100	0.25					
Long Sleeve for quick Temporary Shorting	SS01	100	1.28					
Breakable Shorting Link (10 way)	PASL/10A	100	1.53					
Comb Link	2 way	CL6/2B	100	1.2				
	3 way	CL6/3B	100	1.8				
	4 way	CL6/4B	100	2.4				
	10 way	CL6/10B	50	6.0				
	Marking Tags (K Type)	KM/6	100	0.1				

** Limited VA rating of 5 A maximum at 600 V for General Industrial use.

Triple Level, Feed-Through Terminals

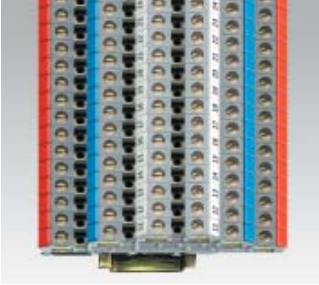









The triple level terminals are ideal for control systems with sensors and actuators. The simplified three level connections allow higher wiring density in the circuits. The TL2.5U terminals, with feed through connecting points at all the 3 levels, offer multiple choice of signal and power distribution at any level. Use of cross connecting links and internal jumpers is recommended to reduce looping of wires.

In TL2.5UH, the top level provides connecting points for signal while

middle and bottom level connecting points are used for positive and negative potentials.

In applications where switching indication is required, option of triple level terminal blocks with built-in "LED Indication" are offered as TL2.5UL and TL2.5UHL.

Blue and red, besides conventional white marking tags are used for effective identification. The terminals are for universal rail mounting.

	TL2.5U#			TL2.5UH			TL2.5UHL				
											
Terminal Pitch	6 mm			6 mm			6 mm				
Height x Width	67 x 84 mm			67 x 61 mm			67 x 61 mm				
Connection Possibility	Flexible/Stranded Rigid/Solid			0.5 - 2.5 sq. mm 0.5 - 4 sq. mm			0.5 - 2.5 sq. mm 0.5 - 4 sq. mm				
Stripping Length	9 mm			9 mm			9 mm				
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6				
Type of Connection	6 screw clamps and 3 tapped holes for cross connection			4 screw clamps and 3 tapped holes for cross connection			*4 screw clamps and 3 tapped holes for cross connection				
Standards	CSA	CE	UL US	CSA	CE	UL US	CSA	CE	UL US		
Rated Cross Section	24-12 AWG	0.5-2.5 sq.mm	22-12 AWG	24-12 AWG	0.5-2.5 sq.mm	22-12 AWG	24-14 AWG	0.5-4 sq.mm	22-12 AWG		
Voltage Rating	300 V	500 V	300 V	300 V	500 V	300 V	300 V	500 V	300 V		
Current Rating	25 A	24 A	25 A	25 A	24 A	25 A	25 A	24 A	20 A		
Torque	4.5 lb-in	0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm	4.5 lb-in	7 lb-in	0.4 Nm	7 lb-in		
	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams		
Terminal Station	TL2.5U	50	16	TL2.5UH	50	14	TL2.5UHL	50	16		
End Plate		EPTL2.5U	50	3.5	EPTL2.5UH	50	3.5	EPTL2.5UH	50	3.5	
Mounting Rail		DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	
End Clamp		ES1S ES2S ES3S ES2N ES3N	50 50 50 50 50	15.3 15.1 7.0 7.4 4.5	ES1S ES2S ES3S ES2N ES3N	50 50 50 50 50	15.3 15.1 7.0 7.4 4.5	ES1S ES2S ES3S ES2N ES3N	50 50 50 50 50	15.3 15.1 7.0 7.4 4.5	
Pre Assembled Shorting Link	2 way 3 way 4 way 10 way		PASL06/2 PASL06/3 PASL06/4 PASL06/10	10 10 10 10	2.2 3.2 3.9 11.5	PASL06/2 PASL06/3 PASL06/4 PASL06/10	10 10 10 10	2.2 3.2 3.9 11.5	PASL06/2 PASL06/3 PASL06/4 PASL06/10	10 10 10 10	2.2 3.2 3.9 11.5
Insulated Comb Links	2 way 3 way 4 way 10 way		CL6/2C CL6/3C CL6/4C CL6/10C	100 100 100 50	1.2 1.8 2.4 6.0	CL6/2C CL6/3C CL6/4C CL6/10C	100 100 100 50	1.2 1.8 2.4 6.0	CL6/2C CL6/3C CL6/4C CL6/10C	100 100 100 50	1.2 1.8 2.4 6.0
Marking Tags	(K Type)		KM/2	100	0.1	KM/2	100	0.1	KM/2	100	0.1

* Choice of on-line indication in TL2.5U Terminal is offered as TL2.5UL.
Voltage rating will depend upon desired LED circuit.

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Multiple Connection, Feed-Through Screw Clamp Terminals

The multiple connection terminals offer reliable solution for different voltage connections in wiring. Conventionally, either wire looping or cross connections are used. While looping is unsafe, cross connecting requires more terminals and additional space.

The multiple connection terminals provide :

- Multiple connection points in the terminal.
- Further multiplication of connections through bridging point/points in the terminal.

SCRW4U 1-2 Multiple Connection Terminals provide one terminal point on one side and two terminal points on the other side. Bridging facility is at the centre of the terminal.

SCRW4U 2-2 Multiple Connection Terminals provide two terminal points on each side of the terminal and also two points for cross connection at the centre. This simplifies the task of accommodating several wires safely and efficiently.



SCRW4U 1-2



SCRW4U 2-2



Terminal Pitch		6 mm			6 mm		
Height x Width		47 x 46.5 mm			51.5 x 65 mm		
Connection Possibility	Stranded Wire Solid Wire	0.5 to 4 sq.mm 0.5 to 6 sq.mm			0.5 to 4 sq.mm 0.5 to 6 sq.mm		
Stripping Length		9 mm			9 mm		
Insulation Material		Polyamide 6.6			Polyamide 6.6		
Type of Connection		3 screw clamps and 1 tapped hole for cross connection			4 screw clamps and 2 tapped holes for cross connection		
Approvals							
Rated Cross Section		22-12AWG	0.5-4 sq.mm	22-10 AWG	22-12AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating		600 V	600 V	600 V	600 V	600 V	600 V
Current Rating		25 A	32 A	**35 A	25 A	32 A	**35 A
Torque		7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in
		Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams
Terminal Station		SCRW4U 1.2	100	10.8	SCRW4U 2-2	50	15.8
End Plate		EPSCRW4U 1-2	50	2.4	EPSCRW4U 2-2	50	3.4
Mounting Rail		DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700
End Clamp		ES1S ES2S ES2N ES3N	50 50 50 50	15.3 15.1 7.4 4.5	ES1S ES2S ES2N ES3N	50 50 50 50	15.3 15.1 7.4 4.5
Pre Assembled Shorting Links	2 way 3 way 4 way 10 way 	PASL06/2 PASL06/3 PASL06/4 PASL06/10	10 10 10 10	2.2 3.2 3.9 11.5	PASL06/2 PASL06/3 PASL06/4 PASL06/10	10 10 10 10	2.2 3.2 3.9 11.5
Permanent Shorting Link	2 way 3 way 4 way 10 way 	PSL06/2 PSL06/3 PSL06/4 PSL06/10 *PASL/10A	100 100 100 100 100	0.3 0.5 0.7 1.7 1.53	PSL06/2 PSL06/3 PSL06/4 PSL06/10 *PASL/10A	100 100 100 100 100	0.3 0.5 0.7 1.7 1.53
Short Sleeve for quick Permanent Shorting		SS02	100	1.16	SS02	100	1.16
Removable Shorting Link		RSL6	100	0.25	RSL6	100	0.25
Long Sleeve for quick Temporary Shorting		SL04	100	1.73	SL04	100	1.73
**Comb Link	2 way 3 way 4 way 10 way 	CL6/2 CL6/3 CL6/4 CL6/10	100 100 100 50	1.2 1.8 2.4 6.0	CL6/2 CL6/3 CL6/4 CL6/10	100 100 100 50	1.2 1.8 2.4 6.0
Marking Tags (K Type)		KM/6	100	0.1	KM/6	100	0.1

** Comb link can be used in the upper level of the clamping unit.

** Limited VA rating of 5 A maximum at 600 V for General Industrial use.

* 10 way breakable shorting link.