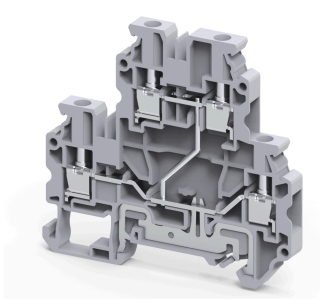
CYDLG4(I.S) – 4 mm² Screw Clamp Double Level Ground Terminal Block

Connectwell CY series · screw clamp · ground



4 mm² Screw Clamp Double Level Ground Terminal Block. Takes wire up to 4 mm² stranded.

WIRE (STRANDED)	WIRE (AWG)	WIDTH
0.2 – 4 mm²	**24 – 10 AWG**	**6 mm**

LEVELS / CONNECTIONS
2 / 4

1 Part number

Colour	Part number	Standard pack
Grey	**CYDLG4(I.S)**	50 pcs

Prices on request. Full standard packs get our best pricing. Part numbers are Connectwell numbers.

2 Technical data

Electrical	
Tightening torque (IEC)	**0.5 Nm**
Tightening torque (UL / CSA)	**4.5 lb-in**
Rated surge voltage	**8 kV**
Overvoltage category	**III**
Pollution degree	**3**
Short-time withstand current	**0.48 kA**

Wire connection	
Connection	**Screw Clamp**
Wire entry	**Side**
Solid conductor	**0.2 mm² to 6 mm²**
Stranded conductor	**0.2 mm² to 4 mm²**
Stranded with ferrule	**0.2 mm² to 4 mm²**
Two conductors, twin ferrule	**0.5 mm² to 2.5 mm²**
AWG range	**24 AWG to 10 AWG**
Stripping length	**9 mm**
Screw	**M3**
Operated with	**Screwdriver**

Mechanical	
Width (thickness)	**6 mm**
Length	**70.5 mm**
Height on 35 x 7.5 mm rail	**65.9 mm**
Height on 35 x 15 mm rail	**73.4 mm**
Mounting	**DIN 35/DIN 35-15 Rail**
Weight	**19.3 g**

Material	
Housing	**Polyamide**
Flammability (UL 94)	**V0**
Operating temperature	**-40 to +105 °C**
Country of origin	**India**

Standards and certificates: UL 1059 (UL E220514-20200229) · **CSA C22.2 No. 158:23** (CSA 80002399) · **IEC 60947-7-2** (UL 80002398)

3 Add the accessories



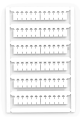
END PLATE
EPCYDL2.5/4
End Plate suitable for CYDL2.5 series Terminal blocks in Grey Colour
Standard pack: 50 pcs



END CLAMP
CA702
End Clamp with DIN rail clamping screw suitable for DIN32 and DIN35 Type DIN Rails in Grey Colour
Standard pack: 50 pcs



END CLAMP
CA802
End Clamp with DIN rail clamping screw suitable for DIN35 Type DIN Rails in Grey Colour
Standard pack: 50 pcs



MARKER CARD
MC6
Marker Card (Blank) suitable for 6mm width Terminal Blocks with 72 Tags
Standard pack: 1 packet (10 cards)

SCREWDRIVER
SCS0.6/3.5
Electrician's Screwdriver with 0.6x3.5mm Blade Size suitable for operating Screw, Spring and Push-in Type Terminal blocks
Standard pack: 10 pcs

Request a quote

How to order: choose the part numbers above, note the quantity, and send them to us. Quote the standard pack size or a multiple of it for our best price.
289-236-5064 · info@eklecmatic.ca · www.eklecmatic.ca

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Manufacturer's catalogue page (Connectwell catalogue 2025-26): ordering data and accessories as printed by Connectwell.

CY SERIES SCREW CLAMP TERMINAL BLOCKS

MULTIPLE LEVEL TERMINAL BLOCKS

CYDL4 is the next generation compact double level Screw Clamp Terminal Block. This Terminal Block is used in high density wiring applications.

Interconnections / shorting is possible at both levels. This Terminal Block is suitable for 1000 V rating.

CYDL4(I.S) is double level internally shorted screw clamp Terminal Block. This is an ideal choice for distribution application.

CYDLG4 is double level Terminal Block with a grounding point for terminating grounding cables on the lower level of the terminal block while the top level is a standard feed through terminal. The earth connection is made by snapping the terminal on the Din rail. This separate connection point is appropriately identified by the green-yellow imprint on its top.

CYDLG4(I.S) is double level ground Terminal Block with 4 connection points for grounding wires. It is available in a standard green yellow colour to indicate the grounding connection.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

CYDL4



Width (Thickness) x Length	6 x 70.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	65.9 mm / 73.4 mm		
Connection Possibility as per	IEC		UL - CSA
With 1 Conductor per clamp — Stranded / Flexible	0.2 - 4.0 mm²		24 - 10 AWG
With 1 Conductor per clamp — Solid	0.2 - 6.0 mm²		
With 1 Conductor per clamp — with Ferrule / Lug	0.2 - 4.0 mm²		24 - 12 AWG
With 2 same size Conductors per clamp — with TWIN Ferrule / Lug	0.5 - 2.5 mm²		20 - 14 AWG
Wire Stripping Length	9 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158 IEC60079
Voltage	800 V	300 V	300 V 500 V
Current	32 A	30 A	30 A 28 A
Torque	0.5 Nm	4.5 lb.in	4.5 lb.in 0.5 Nm
Approval			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CYDL4	50
	Blue	CYDL4BU	50
	Ground / Earth	CYDLG4(I.S.) (Refer Pg. 132 for details)	50
	For Ex (e) Applications	CYDL4EX	50
	For Ex (i) Applications	CYDL4BUEX	50
End Plate		EPCYDL2.5/4	50
Partition Plate		PPCYDL2.5/4	20
Mounting Rail (Refer Pg. 279 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 280 for details)		CA702 / CA802	50
Marking Tag (Refer Pg. 286 for details)		MC6	10
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Type / Cat. No.	Imax	Standard Pack
Pluggable Jumpers	2 pole	JX4/2	32 A	100
	3 pole	JX4/3	32 A	50
	4 pole	JX4/4	32 A	50
	5 pole	JX4/5	32 A	50
	6 pole	JX4/6	32 A	50
	7 pole			
	8 pole	JX4/8	32 A	10
	10 pole	JX4/10	32 A	10
	16 pole	JX4/16	32 A	10