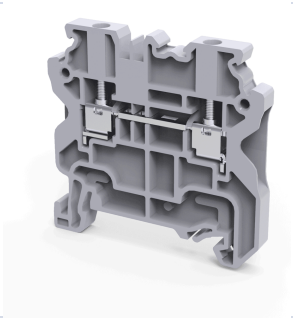
CY2.5 – 2.5 mm² Screw Clamp Feedthrough Terminal Block in Grey Colour

Connectwell CY series · screw clamp · feed-through



2.5 mm² Screw Clamp Feedthrough Terminal Block in Grey Colour. Rated 24 A at 1000 V (IEC). Takes wire up to 2.5 mm² stranded.

CURRENT (IEC)	VOLTAGE (IEC)	WIRE (STRANDED)
24 A	**1000 V**	**0.2 – 2.5 mm²**

WIDTH	LEVELS / CONNECTIONS
5 mm	**1 / 2**

1 Choose your colour

Colour	Part number	Standard pack
Grey	**CY2.5**	100 pcs
Beige	**CY2.5BG**	100 pcs
Black	**CY2.5BK**	100 pcs
Brown	**CY2.5BR**	100 pcs
Blue	**CY2.5BU**	100 pcs
Green	**CY2.5GN**	100 pcs
Orange	**CY2.5O**	100 pcs
Red	**CY2.5R**	100 pcs
Yellow	**CY2.5Y**	100 pcs

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

2 Technical data

Electrical	
Rated voltage (IEC)	1000 V
Rated current (IEC)	24 A
Tightening torque (IEC)	0.4 Nm
Rated voltage (UL / CSA)	600 V
Rated current (UL / CSA)	20 A
Tightening torque (UL / CSA)	4.5 lb-in
Rated surge voltage	8 kV
Overvoltage category	III
Pollution degree	3
Short-time withstand current	0.3 kA

Wire connection	
Connection	Screw Clamp
Wire entry	Side
Solid conductor	0.2 mm² to 4 mm²
Stranded conductor	0.2 mm² to 2.5 mm²
Stranded with ferrule	0.2 mm² to 2.5 mm²
Two conductors, twin ferrule	0.5 mm² to 1.5 mm²
Stripping length	8 mm
Screw	M2.5
Operated with	Screwdriver

Mechanical	
Width (thickness)	5 mm
Length	50 mm
Height on 35 x 7.5 mm rail	49 mm
Height on 35 x 15 mm rail	56.5 mm
Mounting	DIN 35/DIN 35-15 Rail
Weight	7.6 g

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

Standards and certificates: UL 1059 (UL E220514-20181220) · **CSA C22.2 No. 158:23** (CSA 70179396) · **IEC 60947-7-1** (UL 70179397)

3 Add the accessories



END PLATE
EPCY2.5/10
End Plate suitable for Feedthrough (2.5 - 10sq.mm) series Terminal blocks in Grey Colour
Standard pack: 50 pcs



PARTITION PLATE
PPCY2.5/10
Partiton Plate suitable for CY series (2.5 - 10sq.mm) Feedthrough Terminal Blocks in Grey Colour
Standard pack: 50 pcs



JUMPER
JX2.5/2
Pluggable Type Jumper, 2 Pole, Insulated, in Orange Colour
Standard pack: 100 pcs



JUMPER
JX2.5/6
Pluggable Type Jumper, 6 Pole, Insulated, in Orange Colour
Standard pack: 10 pcs



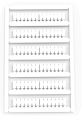
JUMPER
JX2.5/10
Pluggable Type Jumper, 10 Pole, Insulated, in Orange Colour (also: JX2.5/3, JX2.5/4, JX2.5/5, JX2.5/7, JX2.5/8)
Standard pack: 10 pcs



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
MC5
Marker Card (Blank) suitable for 5mm width Terminal Blocks with 84 Tags
Standard pack: 1 packet (10 cards)

SCREWDRIVER
SCS0.5/3
Electrician's Screwdriver with 0.5x3mm Blade Size suitable for operating Screw, Spring and Push-in Type Terminal blocks
Standard pack: 10 pcs

TEST PLUG
TX2.5
2.5 mm^2 test plug; makes contact with the jumper shaft of the terminal block for testing (Connectwell data sheet TX2.5)
Standard pack: 20 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

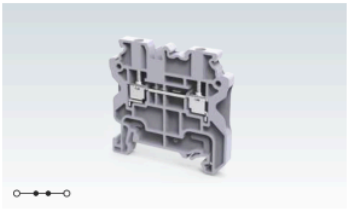
FEED THROUGH TERMINAL BLOCKS

CY series screw clamp Terminal Blocks are the next generation terminals with an improved 1000 V rating as per IEC guidelines. Feed through terminals of different wire sizes have the same outer profile.

Cross connection of these Terminal Blocks can be done using insulated pluggable jumpers, available in various pole configurations.

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

CY2.5



Width (Thickness) x Length			5 x 50 mm
Height with DIN 35 x 7.5 / 35 x 15 mm Rail			49 mm / 56.5 mm
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm²	24 - 14 AWG
	Solid	0.2 - 4.0 mm²	24 - 12 AWG
	with Ferrule / Lug	0.2 - 2.5 mm²	24 - 14 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.5 - 1.5 mm²	20 - 16 AWG
Wire Stripping Length			8 mm
Ratings As Per		IEC60947-7-1	UL-1059 / CSA22.2-158 / IEC60079
Voltage		1000 V	600 V / 600 V / 800 V
Current		24 A	20 A / 20 A / 21 A
Torque		0.4 Nm	4.5 lb.in / 4.5 lb.in / 0.4 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	CY2.5	100
	Blue	CY2.5BU	100
	Red	CY2.5R	100
	Yellow	CY2.5Y	100
	Black	CY2.5BK	100
	Green	CY2.5GN	100
	Ground / Earth	CYG2.5 (Refer Pg. 124 for details)	100
	For Ex (e) Applications	CY2.5EX	100
	For Ex (i) Applications	CY2.5BUEX	100
End Plate		EPCY2.5/10	50
Partition Plate		PPCY2.5/10	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
Test Plug		TX2.5	20
Marking Tag (Refer Pg. 286 for details)		MC5	10
Screw Driver		SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Jumpers		Type / Cat. No.	Imax	Standard Pack
Pluggable Jumpers	2 pole	JX2.5/2	24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	5 pole	JX2.5/5	24 A	50
	6 pole	JX2.5/6	24 A	10
	7 pole	JX2.5/7	24 A	10
	8 pole	JX2.5/8	24 A	10
	10 pole	JX2.5/10	24 A	10
	16 pole			
	20 pole	JX2.5/20	24 A	10
Step Down Jumpers		JYS6/2.5	24 A	20
		JYS10/2.5	24 A	20