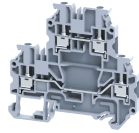# CYDL2.5



**connectwell**
THE RIGHT CONNECTION

2.5 sq.mm Double Level Terminal Blocks.

These blocks are ideal for use in applications requiring high density wiring . Interconnection / shorting is possible at both levels. CYDL2.5 is the newer version of the with push in jumper possibility. It is suited for 500 V application and can accommodate larger K5 marking tags.

## TECHNICAL DATA

| | |
|---|---|
| Rated Voltage | 500 V |
| Rated Current | 24 A |
| Tightening Torque | 0.4 Nm |
| Housing Material | Polymide |
| Standard Colour | Grey |
| Product Function | Double Level |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 35/DIN 35-15 Rail |
| Screw Size | M3 |
| Operated by | Screwdriver |
| Rated Surge Voltage | 8 KV |
| Pollution Degree | 3 |

## CONNECTION DATA

| | |
|---|---|
| Conductor Cross Section Stranded min. | 0.2 mm² |
| Conductor Cross Section Stranded max. | 2.5 mm² |
| Conductor Cross Section AWG/Kcmil min | 24 AWG |
| Conductor Cross Section AWG/Kcmil max | 12 AWG |
| Conductor Cross Section Stranded with Ferrule/Lug min | 0.2 mm² |
| Conductor Cross Section Stranded with Ferrule/Lug max | 4 mm² |
| 2 Conductors with same Cross Section Stranded min | 0.2 mm² |
| 2 Conductor with same Cross Section Stranded max | 2.5 mm² |
| Conductor Cross Section Solid min | 0.2 mm² |
| Conductor Cross Section Solid max | 4 mm² |
| 2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min | 0.2 mm² |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max | 2.5 mm² |
| Stripping Length | 8 mm |
| Internal Cylindrical Guage | A4 |

## DIMENSIONS

| | |
|---|---|
| Height with DIN 35 x 15 mm rail | 73.4 mm |
| Height with DIN 35 x 7.5 mm rail | 65.9 mm |
| Length | 70.5 mm |
| Width (Thickness) | 5 mm |

## ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|---|---|---|
| CYDL2.5 | 2.5 sq.mm 2 Level Feed Through Terminal Block in Grey colour | 50 |

## ACCESSORIES

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|---|---|---|---|
|  | CA701-1M | Din 35 Rail unslotted 1 meter | 50 |
| | CA701-2M | Din 35 Rail unslotted 2 meter | 50 |
| | CA701-2M-S | Din 35 Rail slotted 2 meter | 50 |
| | CA701-1M-S | Din 35 Rail slotted 1 meter | 50 |
|  | CA701-15-1M | Din 35 Rail 15 deep unslotted 1 meter | 50 |
| | CA701-15-1M-S | Din 35 Rail 15 deep slotted 1 meter | 50 |
| | CA701-15-2M | Din 35 Rail 15 deep unslotted 2 meter | 50 |
| | CA701-15-2M-S | Din 35 Rail 15 deep slotted 2 meter | 50 |
|  | CA202 | End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails | 25 |
|  | CA702 | End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails | 50 |
|  | CA802 | End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails | 50 |
|  | EPCYDL2.5/4 | End Plate in Grey colour | 50 |
|  | JX2.5/2 | Shorting Link for 2.5 sq mm series | 100 |
| | JX2.5/3 | Shorting Link for 2.5 sq mm series | 50 |
| | JX2.5/4 | Shorting Link for 2.5 sq mm series | 50 |
| | JX2.5/5 | Shorting Link for 2.5 sq mm series | 50 |
| | JX2.5/6 | Shorting Link for 2.5 sq mm series | 50 |
| | JX2.5/7 | Shorting Link for 2.5 sq mm series | 10 |
| | JX2.5/8 | Shorting Link for 2.5 sq mm series | 10 |
| | JX2.5/10 | Shorting Link for 2.5 sq mm series | 10 |
| | JX2.5/20 | Shorting Link for 2.5 sq.mm series | 10 |
|  | CA509/K5 | Blank Marking Tag | 100 |
|  | MC5 | MARKER CARD 5MM PITCH WITH 84 TAGS | 10 |

# CYDL2.5
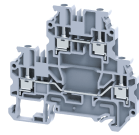
## NOTES

The Rated current is with the use of copper (Cu) conductor/Wire

| RATINGS AS PER STANDARDS | | | |
|---|---|---|---|
| STANDARDS | UL 1059 | IEC/EN60947-7-1 | CSA C.22.2 No:158 |
| Approvals | UL | CE | CSA |
| Conductor Cross Section Stranded min. | 24 AWG | 0.2 mm² | 24 AWG |
| Conductor Cross Section Stranded max. | 12 AWG | 2.5 mm² | 12 AWG |
| Rated Voltage | 300 V | 500 V | 300 V |
| Rated Current | 20 A | 24 A | 20 A |
| Tightening Torque | 3.6 lb-in | 0.4 Nm | 3.6 lb-in |