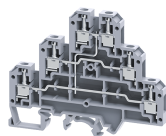


# CTL2.5U(I.S)



**connectwell**  
THE RIGHT CONNECTION

## 2.5 sq.mm Three Level internally shorted Terminal Blocks

CTL2.5U(I.S) Terminal Block is an internally shorted terminal block which can be used for distribution application ideal choice for control systems where sensor and actuator applications are involved. The simplified three level connections with internally shorted helps in tremendously increase wiring density in the circuit. In application where switching indication is required CTL2.5U(I.S) is the one with built in electronic component. Marking tags in blue and red colour besides the conventional white colour are suggested for effective identification.

### TECHNICAL DATA

|                        |                              |
|------------------------|------------------------------|
| Rated Voltage          | 500 V                        |
| Rated Current          | 24 A                         |
| Tightening Torque      | 0.4 Nm                       |
| Housing Material       | Polymide                     |
| Product Function       | Triple Level                 |
| Wire Entry Orientation | Side Entry                   |
| Mounting Possibility   | DIN 32/DIN 35/DIN 35-15 Rail |
| Screw Size             | M2.5                         |
| Operated by            | Screwdriver                  |
| Rated Surge Voltage    | 4 KV                         |
| Pollution Degree       | 3                            |

### CONNECTION DATA

|                                                                         |                     |
|-------------------------------------------------------------------------|---------------------|
| Conductor Cross Section Stranded min.                                   | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded max.                                   | 2.5 mm <sup>2</sup> |
| Conductor Cross Section AWG/Kcmil min                                   | 22 AWG              |
| Conductor Cross Section AWG/Kcmil max                                   | 12 AWG              |
| Conductor Cross Section Stranded with Ferrule/Lug min                   | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded with Ferrule/Lug max                   | 2.5 mm <sup>2</sup> |
| 2 Conductors with same Cross Section Stranded min                       | 0.2 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded max                        | 1.5 mm <sup>2</sup> |
| Conductor Cross Section Solid min                                       | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Solid max                                       | 4 mm <sup>2</sup>   |
| 2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min | 0.2 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max  | 1.5 mm <sup>2</sup> |
| Stripping Length                                                        | 9 mm                |
| Internal Cylindrical Gauge                                              | A3                  |

### DIMENSIONS

|                                  |         |
|----------------------------------|---------|
| Height with DIN 32 rail          | 73.8 mm |
| Height with DIN 35 x 15 mm rail  | 75.6 mm |
| Height with DIN 35 x 7.5 mm rail | 68 mm   |
| Length                           | 84 mm   |
| Width (Thickness)                | 6 mm    |

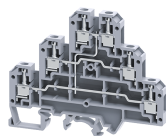
### ORDERING INFORMATION

| CAT. NO.     | DESCRIPTION                                                                                | STD. PACK |
|--------------|--------------------------------------------------------------------------------------------|-----------|
| CTL2.5U(I.S) | 2.5 sq.mm Three level internally shorted Terminal Block with LED indication in Grey colour | 50        |

### ACCESSORIES

| IMAGES | CAT. NO.      | DESCRIPTION                                                                            | STD. PACK |
|--------|---------------|----------------------------------------------------------------------------------------|-----------|
|        | CA501-1M      | Din 32 Rail unslotted 1 meter                                                          | 50        |
|        | CA501-1M-S    | Din 32 Rail slotted 1 meter                                                            | 50        |
|        | CA501-2M      | Din 32 Rail unslotted 2 meter                                                          | 50        |
|        | CA501-2M-S    | Din 32 Rail slotted 2 meter                                                            | 50        |
|        | 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        |
|        | EPCTL2.5U     | End Plate in Grey colour suitable for CTL2.5U / CTL2.5U(I.S) / CTL2.5UL Terminal Block | 50        |

# CTL2.5U(I.S)



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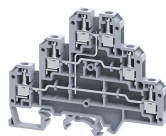
## ACCESSORIES

| IMAGES | CAT. NO.     | DESCRIPTION                                                                                                                                                                                                                | STD. PACK |
|--------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|        | CA722/2      | Pre Assembled Shorting Link assemblies with 2 poles                                                                                                                                                                        | 100       |
|        | CA722/3      | Pre Assembled Shorting Links assemblies with 3 poles                                                                                                                                                                       | 100       |
|        | CA722/4      | Pre Assembled Shorting Links assemblies with 4 poles                                                                                                                                                                       | 100       |
|        | CA722/5      | Pre Assembled Shorting Links assemblies with 5 poles                                                                                                                                                                       | 100       |
|        | CA722/10     | Pre Assembled Shorting Links assemblies with 10 poles                                                                                                                                                                      | 10        |
|        | CA722/100    | Pre Assembled Shorting Links assemblies with 100 poles                                                                                                                                                                     | 10        |
|        | CA715/2      | External Comb Type Shorting Link available in 2 Pole                                                                                                                                                                       | 100       |
|        | CA715/3      | External Comb Type Shorting Link available in 3 Pole                                                                                                                                                                       | 100       |
|        | CA715/4      | External Comb Type Shorting Link available in 4 Pole                                                                                                                                                                       | 100       |
|        | CA715/10     | External Comb Type Shorting Link available in 10 Pole                                                                                                                                                                      | 20        |
|        | CA703/1      | Permanent Shorting Link for 2 way shorting                                                                                                                                                                                 | 100       |
|        | CA704/1      | Permanent Shorting Link for 3 way shorting                                                                                                                                                                                 | 100       |
|        | CA705/1      | Permanent Shorting Link for 4 way shorting                                                                                                                                                                                 | 100       |
|        | CA732/10     | Permanent Shorting Link for 10 way shorting                                                                                                                                                                                | 100       |
|        | CA732/10-A   | Permanent Shorting Link (Breakable) for 10 way shorting                                                                                                                                                                    | 100       |
|        | CA732/100    | Permanent Shorting Link for 100 way shorting                                                                                                                                                                               | 100       |
|        | CA707/S/Q/01 | Shorting Sleeve and Screw                                                                                                                                                                                                  | 100       |
|        | CA509/K2     | Marking Tag Blank suitable for<br>CDL4U / CDL4U(I.S) / CTL2.5U /<br>CTL2.5UH / CTL2.5UL /<br>CTL2.5HUL / CTL2.5U(I.S) /<br>CTL2.5U(I.S)D2 / CGMT4 /<br>CSFL4U / CSFL4U(L) / CMT4 /<br>CMB4 / ASF4 / ASF4(L) /<br>CTS2.5( ) | 100       |
|        | CA707/TS/01  | Test Socket Suitable for CTS2.5UN /<br>CTS2.5UE / CTS4UN / CTC4U /<br>CMB4 / CTLG2.5 / CTL2.5U /<br>CTL2.5UH / ODL4U / ODL4UA /<br>CDLG2.5 / CMC1-2 / CMC2-2<br>Terminal Blocks.                                           | 100       |
|        | SCS0.5/3     | Electricians Screwdriver for slotted screws                                                                                                                                                                                | 10        |

## APPROVALS



CTL2.5U(I.S)



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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. | 22 AWG    | 0.2 mm <sup>2</sup> | 22 AWG            |
| Conductor Cross Section Stranded max. | 12 AWG    | 2.5 mm <sup>2</sup> | 12 AWG            |
| Rated Voltage                         | 150 V     | 500 V               | 150 V             |
| Rated Current                         | 25 A      | 24 A                | 25 A              |
| Tightening Torque                     | 4.5 lb-in | 0.4 Nm              | 4.5 lb-in         |