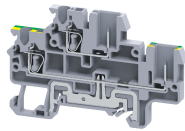


# CXDLG2.5/2B



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THE RIGHT CONNECTION

## 2.5 sq.mm Double Level Ground/Earth Spring Clamp Terminal Blocks

These Terminal Blocks have specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They green/yellow colour coded as industry standards. One side can be plugged with CX2.5PN plugs.

### TECHNICAL DATA

|                        |                       |
|------------------------|-----------------------|
| Rated Voltage          | 300 V                 |
| Rated Current          | 20* A                 |
| Housing Material       | Polymide              |
| Standard Colour        | Green-Yellow          |
| Product Function       | Earthing/Grounding    |
| Wire Entry Orientation | Top                   |
| Mounting Possibility   | DIN 35/DIN 35-15 Rail |
| Operated by            | Screw Driver          |
| Rated Surge Voltage    | 8 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                 | 24 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 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>   |
| Stripping Length                                      | 10 mm               |

### DIMENSIONS

|                                  |         |
|----------------------------------|---------|
| Height with DIN 35 x 15 mm rail  | 57 mm   |
| Height with DIN 35 x 7.5 mm rail | 49.5 mm |
| Length                           | 78 mm   |
| Width (Thickness)                | 5 mm    |

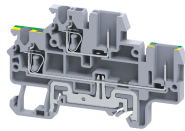
### ORDERING INFORMATION

| CAT. NO.    | DESCRIPTION                                   | STD. PACK |
|-------------|-----------------------------------------------|-----------|
| CXDLG2.5/2B | 2.5 mm <sup>2</sup> 2 LEVEL PLUGABLE SP CL GR | 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        |
|        | CA103         | EndClamp in Polyamide suitable for Din 35/Din 35-15 rails                | 50        |
|        | 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        |
|        | PPCX4         | Partition 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        |
|        | CA509/K5      | Blank Marking Tag                                                        | 100       |
|        | WLX2.5        | Warning label suitable for 5mm wide terminal block                       | 50        |

# CXDLG2.5/2B



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## ACCESSORIES

| IMAGES                                                                           | CAT. NO.   | DESCRIPTION                                                           | STD. PACK |
|----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------|-----------|
|  | CX2.5PN    | 2.5 mm <sup>2</sup> 1 POLE PLUG SPRING CLAMP TB                       | 100       |
|                                                                                  | CX2.5PNBU  | 2.5 mm <sup>2</sup> 1 POLE PLUG SPRING CLAMP TB IN BLUE COLOR         | 100       |
|                                                                                  | CX2.5PNYG  | 2.5 mm <sup>2</sup> 1 POLE PLUG SPRING CLAMP TB IN YELLOW GREEN COLOR | 100       |
|                                                                                  | CX2.5PLN   | 2.5 mm <sup>2</sup> 1 POLE PLUG SP CL STACK END TB                    | 100       |
|                                                                                  | CX2.5PN/2  | 2.5 mm <sup>2</sup> 2 POLE PLUG SPRING CLAMP TB                       | 100       |
|                                                                                  | CX2.5PN/3  | 2.5 mm <sup>2</sup> 3 POLE PLUG SPRING CLAMP TB                       | 100       |
|                                                                                  | CX2.5PN/4  | 2.5 mm <sup>2</sup> 4 POLE PLUG SPRING CLAMP TB                       | 100       |
|                                                                                  | CX2.5PN/5  | 2.5 mm <sup>2</sup> 5 POLE PLUG SPRING CLAMP TB                       | 100       |
|                                                                                  | CX2.5PN/6  | 2.5 mm <sup>2</sup> 6 POLE PLUG SPRING CLAMP TB                       | 25        |
|                                                                                  | CX2.5PN/7  | 2.5 mm <sup>2</sup> 7 POLE PLUG SPRING CLAMP TB                       | 25        |
|                                                                                  | CX2.5PN/8  | 2.5 mm <sup>2</sup> 8 POLE PLUG SPRING CLAMP TB                       | 25        |
|                                                                                  | CX2.5PN/9  | 2.5 mm <sup>2</sup> 9 POLE PLUG SPRING CLAMP TB                       | 25        |
|                                                                                  | CX2.5PN/10 | 2.5 mm <sup>2</sup> 10 POLE PLUG SPRING CLAMP TB                      | 25        |
|                                                                                  | CX2.5PN/11 | 2.5 mm <sup>2</sup> 11 POLE PLUG SPRING CLAMP TB                      | 10        |
|                                                                                  | CX2.5PN/12 | 2.5 mm <sup>2</sup> 12 POLE PLUG SPRING CLAMP TB                      | 10        |
|                                                                                  | CX2.5PN/13 | 2.5 mm <sup>2</sup> 13 POLE PLUG SPRING CLAMP TB                      | 10        |
|                                                                                  | CX2.5PN/14 | 2.5 mm <sup>2</sup> 14 POLE PLUG SPRING CLAMP TB                      | 10        |
|                                                                                  | CX2.5PN/15 | 2.5 mm <sup>2</sup> 15 POLE PLUG SPRING CLAMP TB                      | 10        |

|                                                                                    |        |            |    |
|------------------------------------------------------------------------------------|--------|------------|----|
|  | CXPOLN | Coding Pin | 25 |
|------------------------------------------------------------------------------------|--------|------------|----|

|                                                                                    |       |                                 |    |
|------------------------------------------------------------------------------------|-------|---------------------------------|----|
|  | CXLPN | Locking Pin for CX2.5PN/CX2.5SN | 25 |
|------------------------------------------------------------------------------------|-------|---------------------------------|----|

|                                                                                    |              |                          |    |
|------------------------------------------------------------------------------------|--------------|--------------------------|----|
|  | EPCXDL2.5/2B | End Plate in Grey Colour | 50 |
|------------------------------------------------------------------------------------|--------------|--------------------------|----|

|                                                                                    |       |                              |    |
|------------------------------------------------------------------------------------|-------|------------------------------|----|
|  | TX2.5 | 2.5mm <sup>2</sup> TEST PLUG | 20 |
|------------------------------------------------------------------------------------|-------|------------------------------|----|

|                                                                                    |     |                                                         |    |
|------------------------------------------------------------------------------------|-----|---------------------------------------------------------|----|
|  | TM5 | Flexible Marker Carrier for double level Terminal Block | 50 |
|------------------------------------------------------------------------------------|-----|---------------------------------------------------------|----|

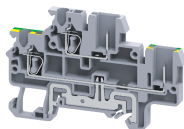
## APPROVALS



## NOTES

\* - Current Rating applicable for Upper level only

CXDLG2.5/2B



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RATINGS AS PER STANDARDS

| STANDARDS                             | UL 1059 | IEC/EN60947-7-1     |
|---------------------------------------|---------|---------------------|
| Conductor Cross Section Stranded min. | 24 AWG  | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded max. | 12 AWG  | 2.5 mm <sup>2</sup> |
| Rated Voltage                         | 300 V   | 500 V               |
| Rated Current                         | 20* A   | 24* A               |