

**CBB35/50LS**



**50 sq.mm Stud Type Power Terminal Blocks**

CBB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block.

**TECHNICAL DATA**

|                            |                       |
|----------------------------|-----------------------|
| Rated Voltage              | 1000 V                |
| Rated Current              | 150 A                 |
| Tightening Torque          | 3 Nm                  |
| Housing Material           | Polyamide             |
| Comparative Tracking Index | 1                     |
| Standard Colour            | Grey                  |
| Type of Connection         | Stud / Busbar / Bolt  |
| Product Function           | Feed Through          |
| Wire Entry Orientation     | Side Entry            |
| Mounting Possibility       | DIN 35/DIN 35-15 Rail |
| Stud Size                  | M6                    |
| Operated by                | Nut Driver            |
| Rated Surge Voltage        | 8 KV                  |
| Pollution Degree           | 3                     |

**CONNECTION DATA**

|   |                    |
|---|--------------------|
| Conductor Cross Section Stranded min.                 | 6 mm <sup>2</sup>  |
| Conductor Cross Section Stranded max.                 | 50 mm <sup>2</sup> |
| Conductor Cross Section AWG/Kcmil min                 | 10 AWG             |
| Conductor Cross Section AWG/Kcmil max                 | 1/0 AWG            |
| Conductor Cross Section Stranded with Ferrule/Lug min | 6 mm <sup>2</sup>  |
| Conductor Cross Section Stranded with Ferrule/Lug max | 50 mm <sup>2</sup> |
| Stripping Length                                      | mm                 |

**DIMENSIONS**

|                                  |         |
|----------------------------------|---------|
| Height with DIN 35 x 15 mm rail  | 54.5 mm |
| Height with DIN 35 x 7.5 mm rail | 47.5mm  |
| Length                           | 75 mm   |
| Width (Thickness)                | 32mm    |

**APPROVALS**



**ORDERING INFORMATION**

| CAT. NO.    | DESCRIPTION   | STD. PACK |
|-------------|---|-----------|
| CBB35/50LS  | 50 sq.mm Feed through Slotted Bolt Type Terminal Block in Grey colour   | 10        |
| CBB35/50LSR | 50 sq.mm Feed through Slotted Bolt Type Terminal Block in Red colour    | 10        |
| CBB35/50LSY | 50 sq.mm Feed through Slotted Bolt Type Terminal Block in Yellow colour | 10        |

**ORDERING INFORMATION....**

| CAT. NO.     | DESCRIPTION  | STD. PACK |
|--------------|--|-----------|
| CBB35/50LSBU | 50 sq.mm Feed through Slotted Bolt Type Terminal Block in Blue colour  | 10        |
| CBB35/50LSBK | 50 sq.mm Feed through Slotted Bolt Type Terminal Block in Black colour | 10        |
| CBB35/50LSGN | 50 sq.mm Feed through Slotted Bolt Type Terminal Block in Green colour | 10        |

**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  | 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        |
|        | PPCBB         | Partition Plate in Grey colour  | 50        |
|        | CA790/2       | Permanent Shorting Link for 2 way shorting  | 10        |
|        | CA790/3       | Permanent Shorting Link for 3 way shorting  | 10        |
|        | CA509/K12     | Marking Tag Blank suitable for CTS16U / CTS25UN / CGT16N / CDB25 / CMB25 / CSC16T / CSCG16T Terminal Blocks | 100       |

ACCESSORIES

| IMAGES  | CAT. NO.   | DESCRIPTION                                    | STD. PACK |
|---|------------|--|-----------|
|  | CBBPC1/70  | Protective cover is available in 70 mm Length  | 10        |
|   | CBBPC1/80  | Protective cover is available in 80 mm Length  | 10        |
|   | CBBPC1/130 | Protective cover is available in 130 mm Length | 10        |
|   | CBBPC1/160 | Protective cover is available in 160 mm Length | 10        |
|   | CBBPC1/200 | Protective cover is available in 200 mm Length | 10        |
|   | CBBPC1/250 | Protective cover is available in 250 mm Length | 10        |

RATINGS AS PER STANDARDS

| STANDARDS                             | IEC/EN60947-7-1    | UL 1059  | CSA C.22.2 No:158 |
|---------------------------------------|--------------------|----------|-------------------|
| Approvals                             | CE                 | UL       | CSA               |
| Conductor Cross Section Stranded min. | 6 mm <sup>2</sup>  | 10 AWG   | 10 AWG            |
| Conductor Cross Section Stranded max. | 50 mm <sup>2</sup> | 1/0 AWG  | 1/0 AWG           |
| Rated Voltage                         | 1000 V             | 600 V    | 600 V             |
| Rated Current                         | 150 A              | 150 A    | 150 A             |
| Tightening Torque                     | 3 Nm               | 27 lb-in | 27 lb-in          |