

FEED-THROUGH

35 or 32mm DIN Rail

Altech "U" Series Universal Rail Mounting Standard Screw Clamp Feed through terminals are the most versatile terminals for wire-to-wire connection in control, automation, instrumentation and power distribution applications. A special design feature on the flexible foot enables easy mounting and dismounting from the DIN Rail with the help of a screwdriver.

The terminals with AEx eII EEx eII can be used in a potentially explosive atmosphere which may occur in chemical and petrochemical industry. These terminals can be used in Class 1, Zone 0, 1 & 2 hazardous locations. These terminal blocks comply to En 500019.



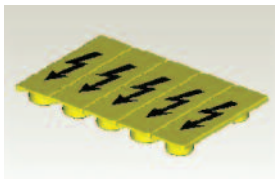
COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

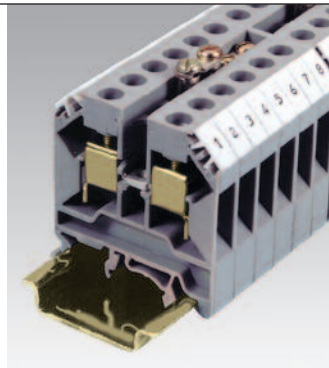
Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |



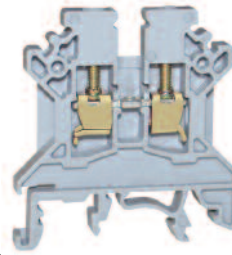
Warning labels available. See page 67.

* 35A with one No. 10 AWG and 40A with two No. 12 AWG wires.

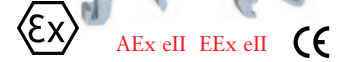
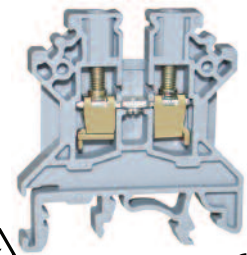


| | |
|---------------------|---|
| Terminal Width | 5 mm |
| Height x Length | 45 x 43 mm |
| Stripping Length | 9 mm |
| Insulation Material | Polyamide 6.6 |
| Type of Connection | 2 screw clamps & 1 tapped hole for cross connection |
| Approvals | |
| Wire Range | 22-12 AWG 0.5-2.5 sq.mm 22-14 AWG |
| Voltage Rating | 600 V 750 V 600 V |
| Current Rating | 25 A 24 A 20 A |
| Torque | 7 lb-in 0.4 Nm 7 lb-in |



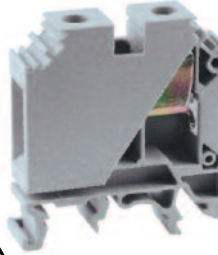




















CTS2.5U-N





CTS4U-N



| | | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|--|--|--|---------------------------------------|--|
| Terminal Block | | CTS2.5U-N | 100 | CTS4U-N | 100 |
| End Plate | | EP2.5/4UN | 50 | EP2.5/4UN | 50 |
| Isolation Partition | | PP2.5/4UN | 50 | PP2.5/4UN | 50 |
| Separator Plate | | SP2.5/4UN | 100 | SP2.5/4UN | 100 |
| DIN Rail | | | | | |
| for ordering information refer to page 62 | | | | | |
| End Stop | | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| for ordering information refer to page 63 | | | | | |
| Internal Jumper | | 2 pole 3 pole 4 pole 10 pole 100 pole | CA721/2 CA721/3 CA721/4 CA721/10 CA721/100 | 100 50 50 10 10 | CA722/2 CA722/3 CA722/4 CA722/10 CA722/100 |
| Insulated Internal Jumper | | 2 pole 3 pole 4 pole 10 pole 100 pole | CA741/2 CA741/3 CA741/4 CA741/10 CA741/100 | 100 50 50 10 10 | CA742/2 CA742/3 CA742/4 CA742/10 CA742/100 |
| Current Bars | | 2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole | CA703/01 CA704/01 CA705/01 CA731/10 — CA731/100 | 100 100 100 100 100 10 | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 |
| Shorting Sleeve & Screw | | CA 707/S/Q/01 | 100 | CA707/S/Q/01 | 100 |
| External Jumper | | 2 pole 3 pole 4 pole 10 pole | CA717/2 CA717/3 CA717/4 CA717/10 | 100 100 100 25 | CA713/2 CA713/3 CA713/4 CA713/10 |
| Marking Tags | | MT5 | 100 | MT6 | 100 |
| Warning Label | | | | | |

| CTS6U | | CTS10U | | CTS16U | | CTS25U | |
|---|-----------------|---|-----------------|--|-----------------|---|-----------------|
|  | |  | |  | |  | |
|  AEx eII EEx eII  | |  AEx eII EEx eII  | |  AEx eII EEx eII  | |  AEx eII EEx eII  | |
| 8 mm | | 10 mm | | 12 mm | | 12 mm | |
| 47 x 43 mm | | 47 x 43 mm | | 47 x 43 mm | | 56 x 49.5 mm | |
| 12 mm | | 12 mm | | 16 mm | | 18 mm | |
| Polyamide 6.6 | | Polyamide 6.6 | | Polyamide 6.6 | | Polyamide 6.6 | |
| 2 screw clamps & 1 tapped hole for cross connection | | 2 screw clamps & 1 tapped hole for cross connection | | 2 screw clamps & 1 tapped hole for cross connection | | 2 screw clamps & 1 tapped hole for cross connection | |
|    | |    | |    | |    | |
| 22-8 AWG 1.5-6 sq.mm 22-8 AWG | | 22-6 AWG 1.5-10 sq.mm 16-6 AWG | | 22-6 AWG 2.5-16 sq.mm 20-4 AWG | | 12-2 AWG 6-25 sq.mm 14-2 AWG | |
| 600 V 750 V 600 V | | 600 V 750 V 600 V | | 600 V 800 V 600 V | | 600 V 750 V 600 V | |
| 50 A 41 A 50 A | | 65 A 57 A 65 A | | 70 A 76 A 85 A | | 115 A 101 A 115 A | |
| 9 lb-in 0.8 Nm 14 lb-in | | 14 lb-in 1.2 Nm 14 lb-in | | 14 lb-in 1.2 Nm 14 lb-in | | 25 lb-in 2.0 Nm 25 lb-in | |
| Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
| CTS6U | 100 | CTS10U | 100 | CTS16U | 50 | CTS25U | 50 |
| EP6/10U | 50 | EP6/10U | 50 | | | EP25U | 50 |
| PP6/10U | 50 | PP6/10U | 50 | | | PP25U | 50 |
| SP6/10U | 100 | SP6/10U | 100 | SP6/10U | 100 | | |
|  | |  | |  | |  | |
| CA702 | 50 | CA702 | 50 | CA702 | 50 | CA702 | 50 |
| CA802 | 50 | CA802 | 50 | CA802 | 50 | CA802 | 50 |
| CA723/2 | 100 | CA724/2 | 100 | CA751/2 | 50 | CA725/2 | 50 |
| CA723/3 | 50 | CA724/3 | 50 | CA751/3 | 50 | CA725/3 | 25 |
| CA723/4 | 50 | CA724/4 | 50 | CA751/4 | 50 | CA725/4 | 25 |
| CA723/10 | 10 | CA724/10 | 10 | CA751/10 | 10 | CA725/10 | 10 |
| CA743/2 | 100 | CA744/2 | 100 | CA761/2 | 50 | CA745/2 | 50 |
| CA743/3 | 50 | CA744/3 | 50 | CA761/3 | 50 | CA745/3 | 25 |
| CA743/4 | 50 | CA744/4 | 50 | CA761/4 | 50 | CA745/4 | 25 |
| CA743/10 | 10 | CA744/10 | 10 | CA761/10 | 10 | CA745/10 | 10 |
| CA703/2 | 100 | CA703/3 | 100 | CA703/8 | 100 | CA703/4 | 100 |
| CA704/2 | 100 | CA704/3 | 100 | CA704/8 | 100 | CA704/4 | 100 |
| CA705/2 | 100 | CA705/3 | 100 | CA705/8 | 100 | CA705/4 | 100 |
| CA733/10 | 100 | CA734/10 | 100 | CA739/10 | 100 | CA735/10 | 100 |
| CA707/S/Q/1 | 100 | CA707/S/Q/1 | 100 | CA707/S/Q/5 | 100 | CA707/S/Q/2 | 100 |
| CA710/2 | 100 | CA718/2 | 100 | | | | |
| CA710/3 | 100 | CA718/3 | 50 | | | | |
| CA710/4 | 100 | CA718/4 | 50 | | | | |
| CA710/10 | 25 | CA718/10 | 25 | | | | |
| MT8 | 100 | MT10 | 100 | MT12 | 100 | MT12 | 100 |
| SWL6 | 100 | | | | | | |

| | CTS35U | | | CTS50U | | | CTS95U | | |
|--|---|--------------------------|----------|---|----------------|-----------|---|----------------|-----------|
|  |  | | |  | | |  | | |
| |  AEx eII EEx eII  | | |  | | |  | | |
| Terminal Width | 15 mm | | | 20.5 mm | | | 25 mm | | |
| Height x Length | 58 x 52.5 mm | | | 75.5 x 71 mm | | | 90 x 83 mm | | |
| Stripping Length | 18 mm | | | 22 mm | | | 24 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps & 1 tapped hole for cross connection | | | 2 screw clamp connections | | | 2 Allen screw clamp connections | | |
| Approvals |    | | |    | | |    | | |
| Wire Range | 8-2 AWG | 10-35 sq.mm | 8-2 AWG | 6-2/0 AWG | 16-50 sq.mm | 6-2/0 AWG | 2-4/0 AWG | 16-95 sq.mm | 2-4/0 AWG |
| Voltage Rating | 600 V | 750 V | 600 V | 600V | 1000 V | 600 V | 600V | 1000 V | 600 V |
| Current Rating | 145 A | 125 A | 145 A | 150 A | 150 A | 150 A | 230 A | 232 A | 230 A |
| Torque | 25 lb-in | 2.5 Nm | 25 lb-in | 60 lb-in | 6.8 Nm | 60 lb-in | 160 lb-in | 18.2 Nm | 160 lb-in |
| Terminal Block | Cat. No. CTS35U | Std. Pk. 50 | | Cat. No. CTS50U | Std. Pk. 20 | | Cat. No. CTS95U | Std. Pk. 10 | |
| End Plate | EP35U | 50 | | | | | | | |
| Isolation Partition | PP35U | 50 | | | | | | | |
| Separator Plate | | | | | | | | | |
| DIN Rail <i>for ordering information refer to page 62</i> |  | | |  | | |  | | |
| End Stop <i>for ordering information refer to page 63</i> |  | CA702 CA802 | 50 50 | CA202 CA102 | 50 50 | | CA202 CA102 | 50 50 | |
| Internal Jumper  | CA726/2 CA726/3 CA726/4 CA726/10 | 50 25 25 10 | | | | | | | |
| Insulated Internal Jumper  | CA746/2 CA746/3 CA746/4 CA746/10 | 50 25 25 10 | | | | | | | |
| Current Bars  | CA703/5 CA704/5 CA705/5 CA736/10 | 100 100 100 100 | | | | | | | |
| Shorting Sleeve & Screw  | CA707/S/Q/2 | 100 | | | | | | | |
| Marking Tags  | MT15 | 100 | | MT20 | 100 | | MT25 | 100 | |

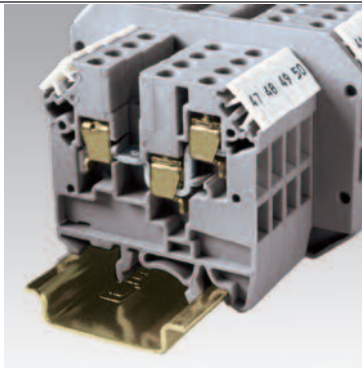


FEED-THROUGH MULTI-CONNECTION 35 or 32mm DIN Rail

Connect multiple wires to a single terminal block and eliminate reliability problems encountered when connecting two wires into a single clamp. Two versions are available.

Type CMC1-2 features a single screw-cage clamp for 22-10 AWG wires on one side and two clamps on the other side for 22-10 AWG wires.

Type CMC2-2 has two identical clamps for 22-10 AWG wires on both sides.



| | CMC1-2 | | | CMC2-2 | | |
|--|---|-----------------|-----------|--|-----------------|-----------|
| | | | | | | |
| | | | | | | |
| Terminal Width | 6 mm | | | 6 mm | | |
| Height x Length | 47 x 46.5 mm | | | 51.5 x 65 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 3 screw clamps & 1 tapped hole for cross connection | | | 4 screw clamps & 2 tapped holes for cross connection | | |
| Approvals | | | | | | |
| Wire Range | 22-10AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 600 V | 600 V | 600 V | 600 V | 600 V |
| Current Rating | 35 A | 32 A | 35 A | 35 A | 32 A | 35 A |
| Torque | 7 lb-in. | 0.5 Nm | 7 lb-in. | 7 lb-in. | 0.5 Nm | 7 lb-in. |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| Terminal Block | CMC1-2 | 100 | | CMC2-2 | 50 | |
| End Plate | EPCMC1-2 | 50 | | EPCMC2-2 | 50 | |
| DIN Rail <i>for ordering information refer to page 62</i> | | | | | | |
| End Stop <i>for ordering information refer to page 63</i> | | | | | | |
| Internal Jumper | 2 pole | CA722/2 | 100 | CA722/2 | 100 | |
| | 3 pole | CA722/3 | 50 | CA722/3 | 50 | |
| | 4 pole | CA722/4 | 50 | CA722/4 | 50 | |
| | 10 pole | CA722/10 | 10 | CA722/10 | 10 | |
| | 100 pole | CA722/100 | 5 | CA722/100 | 5 | |
| Insulated Internal Jumper | 2 pole | CA742/2 | 100 | CA742/2 | 100 | |
| | 3 pole | CA742/3 | 50 | CA742/3 | 50 | |
| | 4 pole | CA742/4 | 50 | CA742/4 | 50 | |
| | 10 pole | CA742/10 | 10 | CA742/10 | 10 | |
| | 100 pole | CA742/100 | 5 | CA742/100 | 5 | |
| Current Bars | 2 pole | CA703/1 | 100 | CA703/1 | 100 | |
| | 3 pole | CA704/1 | 100 | CA704/1 | 100 | |
| | 4 pole | CA705/1 | 100 | CA705/1 | 100 | |
| | 10 pole | CA732/10 | 100 | CA732/10 | 100 | |
| | 10 pole (breakable) | CA732/10-A | 100 | CA732/10-A | 100 | |
| | 100 pole | CA732/100 | 10 | CA732/100 | 10 | |
| Shorting Sleeve & Screw | | CA707/S/Q/01 | 100 | CA707/S/Q/01 | 100 | |
| External Jumper | 2 pole | CA713/2 | 100 | CA713/2 | 100 | |
| | 3 pole | CA713/3 | 100 | CA713/3 | 100 | |
| <i>for use in upper level</i> | 4 pole | CA713/4 | 50 | CA713/4 | 50 | |
| | 10 pole | CA713/10 | 25 | CA713/10 | 25 | |
| Marking Tags (MTType) | | MT6 | 100 | MT6 | 100 | |



COLOR BLOCKS (other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

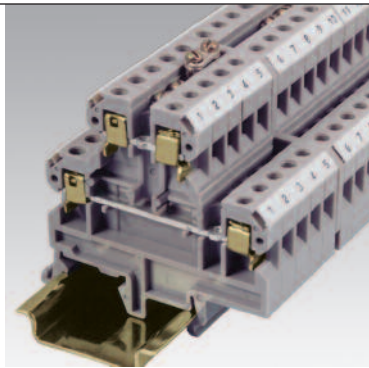
| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

FEED-THROUGH DOUBLE LEVEL 35 or 32mm DIN Rail

Altech double level terminals are the answer to high wiring density problems posed by certain unavoidable wiring arrangements. Double level terminals have the following advantages:

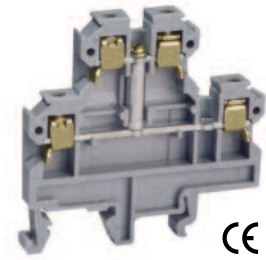
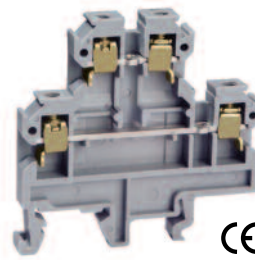
- Double wiring density available without extension of mounting rails.
- Interconnection/shorting can be done at both levels.
- Marking/identification by marking tags possible at both levels.

CDL4U(I.S) internally shorted double level terminals are useful for distribution applications by using shorting links at lower levels.



CDL4U

CDL4U(I.S)



| | | | | | | |
|--|--|-----------------|-----------|---|-----------------|-----------|
| Terminal Width | 6 mm | | | 6 mm | | |
| Height x Length | 54 x 55.5 mm | | | 54 x 55.5 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 4 screw clamps & 2 tapped holes for cross connection | | | 4 screw clamps & 1 tapped hole for cross connection | | |
| Approvals | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 300V | 400 V | 600 V | 300 V | 400 V | 600 V |
| Current Rating | 35 A | 32 A | 35 A | 35 A | 32 A | 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| Terminal Block | CDL4U | 100 | | CDL4U(I.S) | 100 | |
| End Plate | EPCDL4U | 50 | | EPCDL4U | 50 | |
| Separator Plate | SPCDL4U | 100 | | SPCDL4U | 100 | |
| DIN Rail <i>for ordering information refer to page 62</i> | | | | | | |
| End Stop <i>for ordering information refer to page 63</i> | | | CA702 | 50 | CA702 | 50 |
| | | | CA802 | 50 | CA802 | 50 |
| Internal Jumper | 2 pole | CA727/2 | 100 | CA727/2 | 100 | |
| | 3 pole | CA727/3 | 50 | CA727/3 | 50 | |
| | 4 pole | CA727/4 | 50 | CA727/4 | 50 | |
| | 10 pole | CA727/10 | 10 | CA727/10 | 10 | |
| Insulated Internal Jumper | 2 pole | CA747/2 | 100 | CA747/2 | 100 | |
| | 3 pole | CA747/3 | 50 | CA747/3 | 50 | |
| | 4 pole | CA747/4 | 50 | CA747/4 | 50 | |
| | 10 pole | CA747/10 | 10 | CA747/10 | 10 | |
| Current Bars | 2 pole | CA703/1 | 100 | CA703/1 | 100 | |
| | 3 pole | CA704/1 | 100 | CA704/1 | 100 | |
| | 4 pole | CA705/1 | 100 | CA705/1 | 100 | |
| | 10 pole | CA732/10 | 100 | CA732/10 | 100 | |
| | 10 pole (breakable) | CA732/10-A | 100 | CA732/10-A | 100 | |
| | 100 pole | CA732/100 | 10 | CA732/100 | 10 | |
| Shorting Sleeve & Screw | | CA607/S/Q | 100 | CA607/S/Q | 100 | |
| External Jumper | 2 pole | CA714/2 | 100 | CA714/2 | 100 | |
| | 3 pole | CA714/3 | 100 | CA714/3 | 100 | |
| | 4 pole | CA714/4 | 50 | CA714/4 | 50 | |
| | 10 pole | CA714/10 | 25 | CA714/10 | 25 | |
| Marking Tags (MTType) | | MT2 | 100 | MT2 | 100 | |



COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

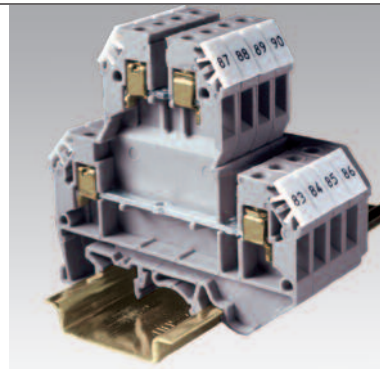
Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

FEED-THROUGH OFFSET DOUBLE LEVEL

Altech Offset Double Level Terminals, which provide a separate connection at two levels. In ODL, the top level is offset from the bottom level by half the thickness of the terminal. This offset provides better accessibility to the screws on the lower level.

*It is recommended to use end plates at both ends of assembled ODL terminal sets for flat alignment to enable effective use of end stops.



| | | | |
|---------------------|--|-------------|-----------|
| Terminal Width | 6 mm | | |
| Height x Length | 63 x 68 mm | | |
| Stripping Length | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | |
| Type of Connection | 4 screw clamps & 2 tapped holes for cross connection | | |
| Approvals | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 600 V | 600 V |
| Current Rating | 35 A | 32 A | 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in |

| | Cat. No. | Std. Pk. |
|------------------|----------|----------|
| Terminal Block | ODL4U | 50 |
| End Plate* Front | EPODL4U | 50 |
| End Plate* Back | EP1ODL4U | 50 |

DIN Rail
for ordering information refer to page 62



End Stop
for ordering information refer to page 63



| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| Internal Jumper | | |
|-----------------|---------|----------|
| | 2 pole | CA727/2 |
| | 3 pole | CA727/3 |
| | 4 pole | CA727/4 |
| | 10 pole | CA727/10 |



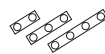
| | |
|----------|----|
| CA727/2 | 10 |
| CA727/3 | 10 |
| CA727/4 | 10 |
| CA727/10 | 10 |

| Insulated Internal Jumper | | |
|---------------------------|---------|----------|
| | 2 pole | CA747/2 |
| | 3 pole | CA747/3 |
| | 4 pole | CA747/4 |
| | 10 pole | CA747/10 |



| | |
|----------|-----|
| CA747/2 | 100 |
| CA747/3 | 50 |
| CA747/4 | 50 |
| CA747/10 | 10 |

| Current Bars | | |
|--------------|---------------------|------------|
| | 2 pole | CA703/1 |
| | 3 pole | CA704/1 |
| | 4 pole | CA705/1 |
| | 10 pole | CA732/10 |
| | 10 pole (breakable) | CA732/10-A |
| | 100 pole | CA732/100 |



| | |
|------------|-----|
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |

Shorting Sleeve & Screw



| | |
|-----------|-----|
| CA607/S/Q | 100 |
|-----------|-----|

| External Jumper | | |
|-----------------|---------|----------|
| | 2 pole | CA714/2 |
| | 3 pole | CA714/3 |
| | 4 pole | CA714/4 |
| | 10 pole | CA714/10 |



| | |
|----------|-----|
| CA714/2 | 100 |
| CA714/3 | 100 |
| CA714/4 | 50 |
| CA714/10 | 25 |

Marking Tags (MTType)



| | |
|-----|-----|
| MT6 | 100 |
|-----|-----|



COLOR BLOCKS (other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

FEED-THROUGH TRIPLE LEVEL 35 or 32mm DIN Rail

For applications with extreme space constraints. Only 6mm (.236") wide, with three separate feed-through levels. Jumpers can be used to reduce field wiring.

They can also be used in control systems where sensors and actuator applications are involved.

The top level of CTL2.5UH terminal block provide connecting points for signal while middle and bottom level provide connecting points are used for positive and negative potential.

In applications where switching indication is required, choice of CTL2.5UHL and CTL2.5UL terminal blocks with built-in electronic components are available.



COLOR BLOCKS (other than grey standard)

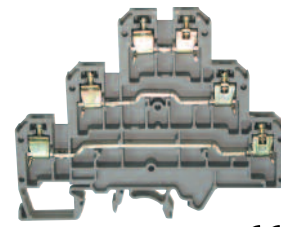
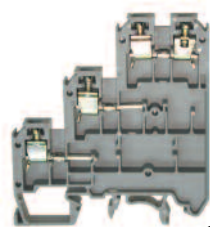
When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

CTL2.5U-H

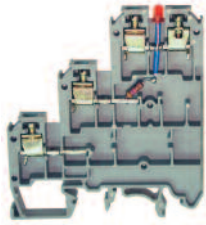
CTL2.5U



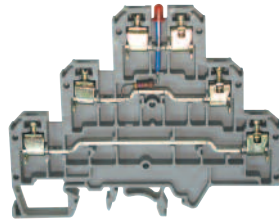
| | | | | | | |
|---------------------|--|---------------|-----------|--|---------------|-----------|
| Terminal Width | 6 mm | | | 6 mm | | |
| Height x Length | 67 x 61 mm | | | 67 x 84 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 4 Screw clamps & 3 tapped holes for cross connection | | | 6 Screw clamps & 3 tapped holes for cross connection | | |
| Approvals | | | | | | |
| Wire Range | 22-12 AWG | 0.5-2.5 sq.mm | 22-12 AWG | 22-12 AWG | 0.5-2.5 sq.mm | 22-12 AWG |
| Voltage Rating | 300 V | 500 V | 300 V | 300 V | 500 V | 300 V |
| Current Rating | 25 A | 24 A | 25 A | 25 A | 24 A | 25 A |
| Torque | 4.5 lb-in | 0.4 Nm | 4.5 lb-in | 4.5 lb-in | 0.4 Nm | 4.5 lb-in |

| | | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|-------------------------|--|--------------|----------|--------------|----------|
| Terminal Block | | CTL2.5U-H | 50 | CTL2.5U | 50 |
| End Plate | | EPCTL2.5U-H | 50 | EPCTL2.5U | 50 |
| DIN Rail | <i>for ordering information refer to page 62</i> | | | | |
| End Stop | <i>for ordering information refer to page 63</i> | CA702 | 50 | CA702 | 50 |
| | | CA802 | 50 | CA802 | 50 |
| Internal Jumper | | CA722/2 | 100 | CA722/2 | 100 |
| | | CA722/3 | 50 | CA722/3 | 50 |
| | | CA722/4 | 50 | CA722/4 | 50 |
| | | CA722/10 | 10 | CA722/10 | 10 |
| | | CA722/100 | 5 | CA722/100 | 5 |
| Current Bars | | CA703/1 | 100 | CA703/1 | 100 |
| | | CA704/1 | 100 | CA704/1 | 100 |
| | | CA705/1 | 100 | CA705/1 | 100 |
| | | CA732/10 | 100 | CA732/10 | 100 |
| | | CA732/10-A | 100 | CA732/10-A | 100 |
| | | CA732/100 | 10 | CA732/100 | 10 |
| Shorting Sleeve & Screw | | CA707/S/Q/01 | 100 | CA707/S/Q/01 | 100 |
| External Jumper | | CA715/2 | 100 | CA715/2 | 100 |
| | | CA715/3 | 100 | CA715/3 | 100 |
| | | CA715/4 | 100 | CA715/4 | 100 |
| | | CA715/10 | 50 | CA715/10 | 50 |
| Marking Tags (MTType) | | MT2 | 100 | MT2 | 100 |

CTL2.5U-H(L)*



CTL2.5U(L)*



6 mm

67 x 61 mm

9 mm

Polyamide 6.6

4 Screw clamps & 2 tapped holes for cross connection



22-12 AWG 0.5-2.5 sq.mm 22-12 AWG

300 V

500 V

300 V

25 A

24 A

25 A

4.5 lb-in

0.4 Nm

4.5 lb-in

6 mm

67 x 84 mm

9 mm

Polyamide 6.6

6 Screw clamps & 2 tapped holes for cross connection



22-12 AWG 0.5-2.5 sq.mm 22-12 AWG

300 V

500 V

300 V

25 A

24 A

25 A

4.5 lb-in

0.4 Nm

4.5 lb-in

Cat. No.

Std. Pk.

CTL2.5U-H(L)*

50

Cat. No.

Std. Pk.

CTL2.5U(L)*

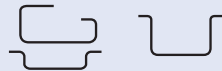
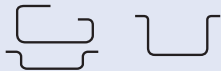
50

EPCTL2.5U-H

50

EPCTL2.5U

50



CA702
CA802

50
50

CA702
CA802

50
50

CA722/2
CA722/3
CA722/4
CA722/10
CA722/100

100
50
50
10
5

CA722/2
CA722/3
CA722/4
CA722/10
CA722/100

100
50
50
10
5

CA703/1
CA704/1
CA705/1
CA732/10
CA732/10-A
CA732/100

100
100
100
100
100
10

CA703/1
CA704/1
CA705/1
CA732/10
CA732/10-A
CA732/100

100
100
100
100
100
10

CA707/S/Q/01

100

CA707/S/Q/01

100

CA715/2
CA715/3
CA715/4
CA715/10

100
100
100
50

CA715/2
CA715/3
CA715/4
CA715/10

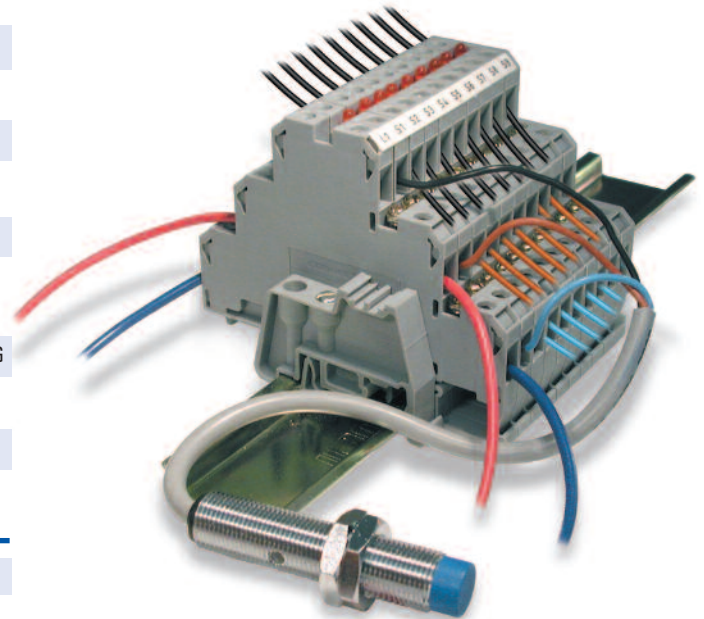
100
100
100
50

MT2

100

MT2

100



*Ideal for sensor applications.
See Altech's Inductive Proximity Sensor catalog for ordering information.*

* Add required voltage to part number as suffix;
i.e. CTL2.5U(L)/24 for 24V DC

DISTRIBUTION BLOCK

Altech CDB Compact Distribution Blocks are an ideal choice for a simplified distribution system. A lug/bolt secures the incoming cable and the screw clamp design of the block provides the outgoing connections. These provide easy connect points and ensure perfect continuity for distribution. A protective shield effectively shrouds the incoming connection.

Application Information:

Sum of outgoing currents on either side of center should not exceed half the maximum permissible incoming current.

Sum of total outgoing currents should not exceed maximum permissible incoming current.

Connection for higher outgoing currents should be done through the terminal nearest to the incoming connection.

CMDB blocks are the modified version of CDB terminal blocks without central incoming terminal connections.



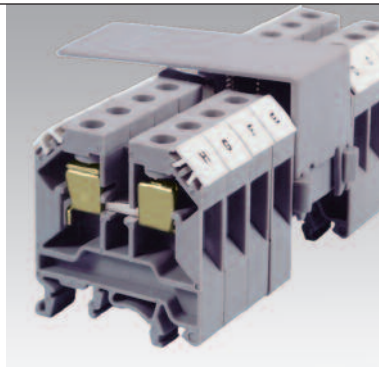
COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

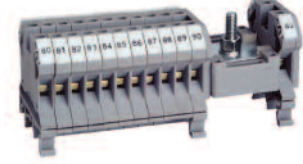
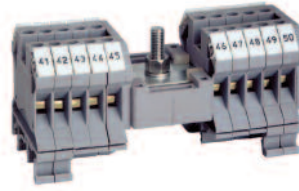
Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |



CDB4

CDB4(1)



| | | | | | | | |
|---------------------|------------------------|--|-------------|---------------|--|-------------|-----------|
| Terminal Width | 6 mm | | | 6 mm | | | |
| Height & Width | 45 x 43 mm | | | 45 x 43 mm | | | |
| Stripping Length | 9 mm | | | 9 mm | | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | |
| Type of Connection | Input | 1 Lug/ M5 bolt connection for ring lug | | | 1 Lug M5 /bolt connection for ring lug | | |
| | Output | Screw clamp connection | | | Screw clamp connection | | |
| Approvals | | | | | | | |
| Wire Range | Input | 10-8 AWG | 6-16 sq.mm | 10-8 AWG | 10-8 AWG | 6-16 sq.mm | 10-8 AWG |
| | Output | 22-12 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-12 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | | 750 V | 600 V | 600 V | 750 V | 600 V |
| Current Rating | Input | 50 A | | 50 A | 50 A | | 50 A |
| | Max. Individual Output | 25 A | 32 A | 35 A | 25 A | 32 A | 35 A |
| Torque | Input | 26 lb-in | 2.0 Nm | 26 lb-in | 26 lb-in | 2.0 Nm | 26 lb-in |
| | Output | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |

| Terminal Block | Cat. No. | H x W x L (mm) | Outputs | Std.Pk. | Cat. No. | H x W x L (mm) | Outputs | Std.Pk. |
|----------------|----------|----------------|---------|---------|------------|----------------|---------|---------|
| | CDB4/1 | 45 x 43 x 43.8 | 4 | 10 | CDB4/2(1) | 45 x 43 x 52 | 4 | 10 |
| | CDB4/2 | 45 x 43 x 55.8 | 8 | 10 | CDB4/3(1) | 45 x 43 x 58 | 6 | 10 |
| | CDB4/3 | 45 x 43 x 67.8 | 12 | 10 | CDB4/4(1) | 45 x 43 x 64 | 8 | 5 |
| | CDB4/4 | 45 x 43 x 80 | 16 | 5 | CDB4/5(1) | 45 x 43 x 70 | 10 | 5 |
| | CDB4/5 | 45 x 43 x 96 | 20 | 5 | CDB4/6(1) | 45 x 43 x 76 | 12 | 5 |
| | | | | | CDB4/10(1) | 45 x 43 x 100 | 20 | 5 |
| | | | | | CDB4/11(1) | 45 x 43 x 106 | 22 | 5 |

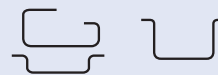
Cat. No.

Std. Pk.

Cat. No.

Std. Pk.

DIN Rail
for ordering information refer to page 62



End Stop
for ordering information refer to page 63



CA702
CA802

50
50

CA702
CA802

50
50

Marking Tags (MTType)



MT6

100

MT6

100

Warning Label

CDB6



8 mm

43 x 47 mm

12 mm

Polyamide 6.6

1 Lug/ M6 bolt connection for ring lug

Screw clamp connection



10-6 AWG
22-8 AWG

6-25 sq.mm
1.5-6 sq.mm

10-2 AWG
22-8 AWG

600 V

750 V

600 V

100 A
50 A

41 A

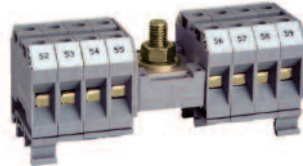
100 A
50 A

25 lb-in
9 lb-in

3.0 Nm
0.8 Nm

35 lb-in
14 lb-in

CDB10



10 mm

43 x 47 mm

12 mm

Polyamide 6.6

1 Lug/ M8 bolt connection for ring lug

Screw clamp connection



7-2 AWG
15-7 AWG

10-35 sq.mm
1.5-10 sq.mm

8-1/0 AWG
22-6 AWG

600 V

750 V

600 V

125 A
65 A

57 A

130 A
65 A

53 lb-in
14 lb-in

6.0 Nm
1.2 Nm

53 lb-in
14 lb-in

CMDB4



6 mm

45 x 43 mm

9 mm

Polyamide 6.6

Screw clamp connection

22-10 AWG

0.5-4 sq.mm

22-10 AWG

600 V

800 V

600 V

35 A

32 A

35 A

7 lb-in

0.5 Nm

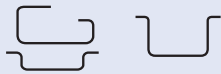
7 lb-in

| Cat. No. | H x W x L (mm) | Outputs | Std.Pk |
|----------|----------------|---------|--------|
| CDB6/2 | 43 x 47 x 64 | 8 | 10 |
| CDB6/3 | 43 x 47 x 80 | 12 | 10 |
| CDB6/4 | 43 x 47 x 96 | 16 | 5 |

| Cat. No. | H x W x L (mm) | Outputs | Std.Pk |
|----------|----------------|---------|--------|
| CDB10/2 | 43 x 47 x 72 | 8 | 10 |
| CDB10/3 | 43 x 47 x 92 | 12 | 10 |
| CDB10/4 | 43 x 47 x 112 | 16 | 5 |

| Cat. No. | H x W x L (mm) | Outputs | Std.Pk |
|----------|----------------|---------|--------|
| CMDB4/2 | 45 x 43 x 13.5 | 4 | 10 |
| CMDB4/3 | 45 x 43 x 19.5 | 6 | 10 |
| CMDB4/4 | 45 x 43 x 25.5 | 8 | 5 |
| CMDB4/10 | 45 x 43 x 61.5 | 20 | 5 |

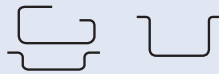
Cat. No. Std. Pk.



CA702
CA802

50
50

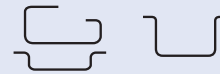
Cat. No. Std. Pk.



CA702
CA802

50
50

Cat. No. Std. Pk.



CA702
CA802

50
50

MT8 100

SWL6 100

MT10 100

MT6 100

CMDB6

CMDB10



| | | | | | | | | |
|---------------------|-----------------|------------------------|-------------|---------------|--------|------------------------|--------------|----------|
| Terminal Width | 8 mm | | | 10 mm | | | | |
| Height & Width | 43 x 47 mm | | | 43 x 47 mm | | | | |
| Stripping Length | 12 mm | | | 12 mm | | | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | | |
| Type of Connection | Input | Screw clamp connection | | | Output | Screw clamp connection | | |
| Approvals | | | | | | | | |
| Wire Range | Input | 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG | Output | 15-7 AWG | 1.5-10 sq.mm | 20-6 AWG |
| Voltage Rating | | 600 V | 800 V | 600 V | | 600 V | 800 V | 600 V |
| Current Rating | Max. Individual | 50 A | 41 A | 50 A | Output | 65 A | 57 A | 65 A |
| Torque | Input | 9 lb-in | 0.8 Nm | 14 lb-in | Output | 14 lb-in | 1.2 Nm | 14 lb-in |

| Terminal Block | Cat. No. | H x W x L (mm) | Outputs | Std. Pk | Cat. No. | H x W x L (mm) | Outputs | Std. Pk |
|----------------|----------|----------------|----------------|---------|-----------|-----------------|----------------|---------|
| | | CMDB6/2 | 43 x 48 x 17.5 | 4 | 10 | CMDB10/2 | 43 x 48 x 21.5 | 4 |
| | CMDB6/3 | 43 x 48 x 25.5 | 6 | 10 | CMDB10/3 | 43 x 48 x 31.5 | 6 | 10 |
| | CMDB6/4 | 43 x 48 x 33.5 | 8 | 10 | CMDB10/4 | 43 x 48 x 41.5 | 8 | 10 |
| | CMDB6/10 | 43 x 48 x 81.5 | 20 | 5 | CMDB10/10 | 43 x 48 x 101.5 | 20 | 5 |

| DIN Rail <i>for ordering information refer to page 62</i> | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|----------|----------|----------|----------|
| | | | | |
| End Stop <i>for ordering information refer to page 63</i> | CA702 | 50 | CA702 | 50 |
| | CA802 | 50 | CA802 | 50 |

| Marking Tags (MT Type) | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|------------------------|----------|----------|----------|----------|
| | | MT8 | 100 | MT10 |
| Warning Label | SWL6 | 100 | | |

COLOR BLOCKS
(other than grey standard)

When ordering please add color suffix to Cat. No.
Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |



ONE PHASE POWER DISTRIBUTION BLOCKS

- Speed of mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- Blocks fit with other DIN Rail mountable modular devices (height 95mm, depth 44.5mm)
- Accessories increase the number of outputs with only one input.

38049

38041



Part Number:

White

38049 (UL File E98082)

38041 (UL File E98082)

Gray

DB16 (UL File E220514)

DB35 (UL File E220514)

Approvals



Current Rating

80A

80A

115A

125A

Voltage Rating

600V AC

690V AC

600V AC

690V AC

No. of Inputs

1

1

1

1

Wire Range

8-4 AWG

6-16mm²

8-2 AWG

10-35mm²

Torque

13.5lb.-in.

1.5Nm

31lb.-in.

3.5Nm

(40 for DB35)

Screw Type

Pozi Drive 2

Pozi Drive 2

No. of Outputs

6

6

6

6

Wire Range

(2x)8-4 AWG

(2x)6-16mm²

14-6 AWG

2.5-16mm²

Torque

13.5lb.-in.

1.5Nm

17.5lb.-in.

2Nm

Wire Range

(4x)14-10 AWG

(4x)2.5-6mm²

Screw Type

Pozi Drive 2

Pozi Drive 2

Optional

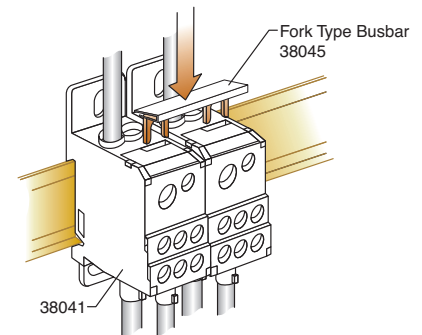
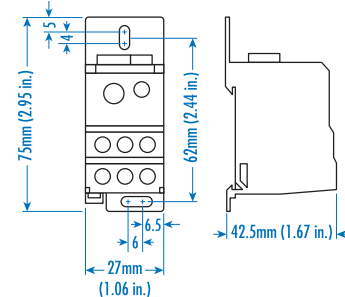
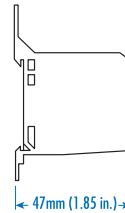
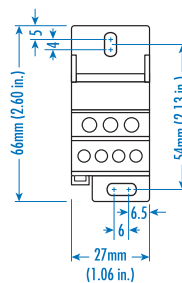
Marking Tag

MT2

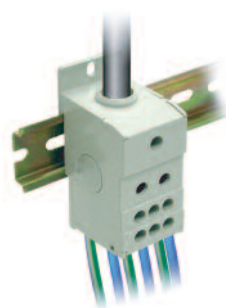
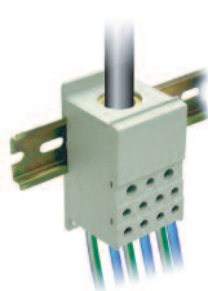
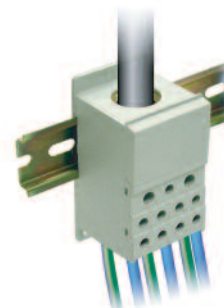
MT2

(for DB16 and DB35)

Dimensions:



Accessories Fork Type Busbar
 Part Number: **38045** to jump 2 Blocks
38046 to jump 8 Blocks
 can be cut to customer needs

38032**38020****38019**

Part Number:

38032**38020****38019**

Approvals



Current Rating

160A

160A

230A

250A

310A

400A

Voltage Rating

600V AC

690V AC

600V AC

690V AC

600V AC

690V AC

No. of Inputs

1

1

1

1

1

1

Wire Range

8-2/0AWG

10-70mm²

2-4/0AWG

35-120mm²

3/0-350kcmil

95-185mm²

Torque

35.5lb. in.

4Nm

170lb. in.

19Nm

230lb. in.

25Nm

No. of Outputs

6

6

11

11

11

11

Wire Range

14-6 AWG

2.5-16mm²

2x 14-2AWG

2.5-35mm²

2x 14-2AWG

2.5-35mm²

Torque

17.5lb. in.

2Nm

31lb. in.

3.5Nm

31lb. in.

3.5Nm

Wire Range

14-6 AWG

2.5-16mm²

5x 14-6AWG

2.5-16mm²

5x 14-6AWG

2.5-16mm²

Torque

17.5lb. in.

2Nm

17.5lb. in.

2Nm

17.5lb. in.

2Nm

Wire Range

14-8 AWG

2.5-10mm²

4x 14-8AWG

2.5-10mm²

4 x 14-8AWG

2.5-10mm²

Torque

17.5lb. in.

2Nm

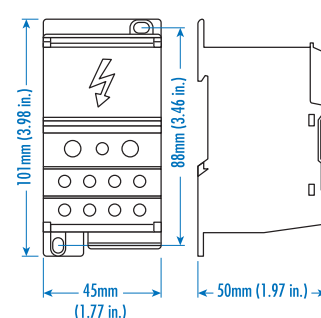
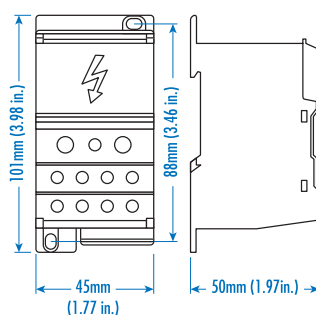
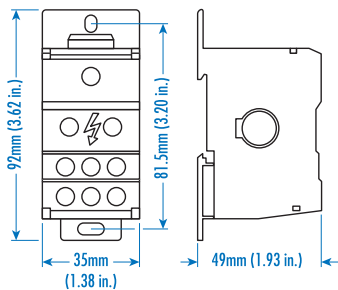
17.5lb. in.

2Nm

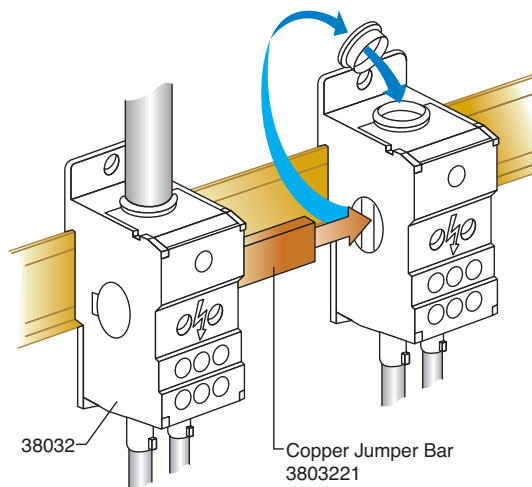
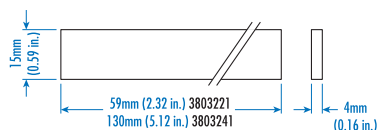
17.5lb. in.

2Nm

Dimensions:

Accessories
Part Number:

Copper Jumper Bar
3803221 for 2 Blocks
3803231 for 3 Blocks
3803241 for 4 Blocks
 can be cut to customer needs

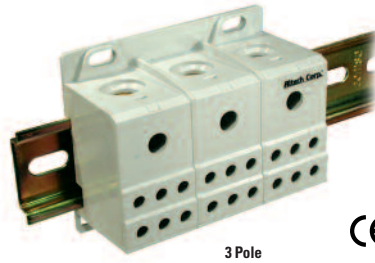


THREE PHASE POWER DISTRIBUTION BLOCKS

38075

38073

- Speed of mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- Blocks fit with other DIN Rail mountable modular devices
- Same compact size for both ratings



CE

3 Pole

Part Number:

38075

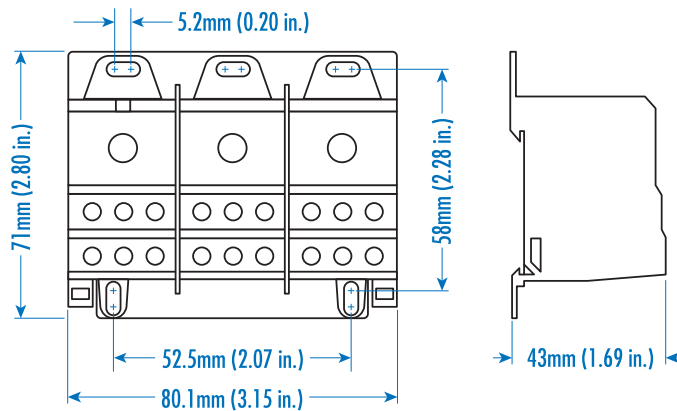
38073

Approvals



| | 38075 | | 38073 | |
|----------------|-------------|-----------------------|--------------|-----------------------|
| Current Rating | 115A | 115A | 175A | 175A |
| Voltage Rating | 600V AC | 690V AC | 600V AC | 690V AC |
| No. of Inputs | 3x1 | 3x1 | 3x1 | 3x1 |
| Wire Range | 8-2AWG | 10-35mm ² | 8-2/0AWG | 10-70mm ² |
| Torque | 31lb. in. | 3.5Nm | 35.5lb. in. | 4Nm |
| No. of Outputs | 3x6 | 3x6 | 3x6 | 3x6 |
| Wire Range | 14-4AWG | 2.5-16mm ² | 14-4AWG | 2.5-16mm ² |
| Torque | 17.5lb. in. | 2Nm | 17.5 lb. in. | 2Nm |

Dimensions:



GROUND

35 and 32mm DIN Rail

Use ground blocks instead of grounding studs and wire lugs to terminate ground wires, saving installation and wiring time.

Ground blocks clamp mechanically onto the DIN Rail by tightening the center mounting screw, making a reliable electrical connection between the cage clamp terminals and the DIN Rail. The rail serves as a busbar and automatically distributes ground potential to all other ground terminals on the same rail.

Ground blocks can also be used as end stops, preventing other terminal blocks and components from moving laterally on the DIN Rail.

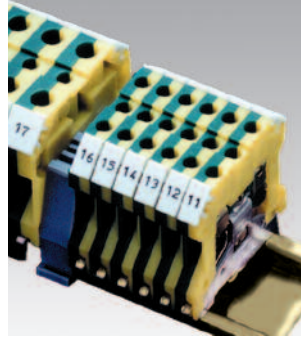
They are supplied with a standard green/yellow housing for easy identification and accept standard marking tags.

CGT4U, CGT10U and CGT35U can be mounted on both DIN 32mm and DIN 35mm rails.

CGT4N & CGT6N can be mounted on 35mm DIN rail and have the same top outer profile as the feed through blocks (CTS4U-N, CTS2.5U-N, CTS6U, CTS10U).

CGMT4 can be mounted on 15mm DIN rails and has the same top outer profile as the CMT4 feed through blocks.

- High density
- Screw-cage clamp
- Special clamping foot
- Polyamide 6.6
- Color: green/yellow



CGT4U


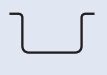




CGT4N

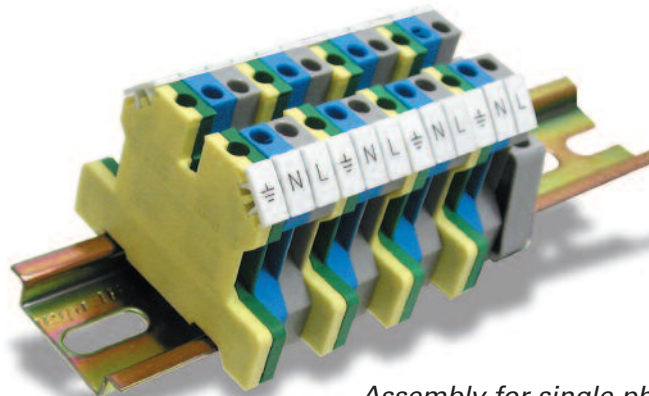


AEx eII EEx eII





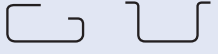

| | | |
|---------------------|--|---|
| Terminal Width | 6 mm | 6 mm |
| Height x Length | 48 x 43 mm | 45.4 x 54.2 mm |
| Stripping Length | 9 mm | 9 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 2 screw clamps | 2 screw clamps |
| Approvals |    |    |
| Wire Range | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | 22-10 AWG 0.5-4 sq.mm 22-10 AWG |
| Torque | 7 lb-in 0.5 Nm 7 lb-in | 7 lb-in 0.8 Nm 7 lb-in |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|---|--|---|---|
| Terminal Block | CGT4N | 50 | CGT4N | 50 |
| DIN Rail <i>for ordering information refer to page 62</i> |  |  |  |  |
| End Plate  | EPCGT4U | 100 | EPCGT4U | 100 |
| Marking Tags (MT Type)  | MT6 | 100 | MT6 | 100 |



Assembly for single phase 3 wire circuits.

| CGT6N | CGT10U | CGT35U | CGMT4 |
|---|---|--|---|
|  |  |  |  |
| CE | CE Ex AEx eII EEx eII | CE | CE |
| 8 mm | 10 mm | 16 mm | 6 mm |
| 47 x 54.5 mm | 49.5 x 45 mm | 61.5 x 58 mm | 28.5 x 27 mm |
| 12 mm | 12 mm | 18 mm | 9 mm |
| Polyamide 6.6 | Polyamide 6.6 | Polyamide 6.6 | Polyamide 6.6 |
| 2 screw clamps | 2 screw clamps | 2 screw clamps | 2 screw clamps |
|    |    |    |    |
| 22-8 AWG 1.5-6 sq.mm 22-8 AWG | 22-6 AWG 1.5-10 sq.mm 16-8 AWG | 8-2 AWG 10-35 sq.mm 8-2 AWG | 22-10 AWG 0.5-4 sq.mm 22-10 AWG |
| 14 lb-in 0.8 Nm 14 lb-in | 14 lb-in 1.2 Nm 14 lb-in | 25 lb-in 2.5 Nm 25 lb-in | 7 lb-in 0.5 Nm 7 lb-in |

| Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|----------|---|----------|--|----------|---|----------|
| CGT6N | 50 | CGT10N | 50 | CGT35N | 20 | CGMT4 | 50 |
|  | |  | |  | |  | |
| EPCGT4U | 100 | EPCGT4U | 100 | EPCGT4U | 100 | EPCGT4U | 100 |
| MT8 | 100 | MT10 | 100 | MT15 | 100 | MT2 | 100 |

DISCONNECT

35 or 32mm DIN Rail

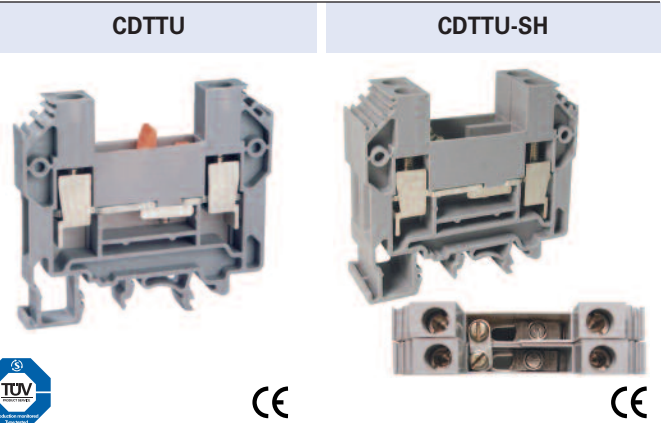
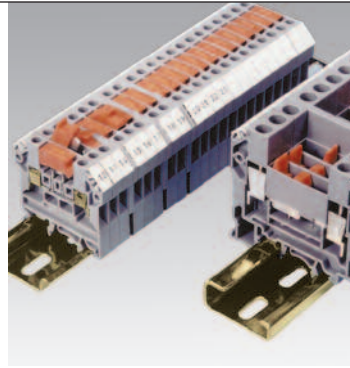
Disconnect and test terminals are an ideal choice for measuring control and regulatory circuits. The terminals provide a clear functional advantage for devices having utility instruments and associated transformers.

Five versions of disconnect and test terminals are available:

- CDTTU - disconnection is achieved by means of a slide link operated with a screw driver.
- CDTTU-SH - disconnect and test terminals are ideal for use in current transformer applications when it is mandatory to keep the secondary side shorted at any point while taking current measurements.
- CKT4U - disconnection is achieved by lifting the knife contact lever.
- CSDL4U - hinged disconnection and testing terminal, incorporates a connecting link in place of the fuse link.
- CSDL6U - hinged disconnect block for 8 AWG size wires.
- DDDL4U - double level disconnect terminal with hinged disconnect in upper level.

Specially designed socket head screws act as test/monitoring points in both CDTTU, CDTTU-SH and CKT4U.

Important: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link/lever.



| | | | | | | |
|---------------------|----------------|-------------|----------|----------------|-------------|----------|
| Terminal Width | 8 mm | | | 16 mm | | |
| Height x Length | 57 x 63 mm | | | 57 x 63 mm | | |
| Stripping Length | 12 mm | | | 12 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps | | | 4 screw clamps | | |
| Approvals | | | | | | |
| Wire Range | 16-8 AWG | 1.5-6 sq.mm | 16-8 AWG | 16-8 AWG | 1.5-6 sq.mm | 16-8 AWG |
| Voltage Rating | 600 V | 750 V | 600 V | 300 V | 300 V | 600 V |
| Current Rating | 41 A | 41 A | 41 A | 10 A | 10 A | 10 A |
| Torque | 14 lb-in | 1.2 Nm | 14 lb-in | 14 lb-in | 1.6 Nm | 14 lb-in |

| | | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|--|---------------------------------------|-------------------------|---|-------------------------|
| Terminal Block | | CDTTU | 50 | CDTTU-SH | 50 |
| End Plate | | EPCDTTU | 50 | EPCDTTU | 50 |
| Isolation Partition | | | | | |
| DIN Rail for ordering information refer to page 62 | | | | | |
| End Stop for ordering information refer to page 63 | | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| External Jumper for internal jumpers refer to page 60 | | 2 pole 3 pole 4 pole 10 pole | 100 100 100 25 | CA710/2 CA710/3 CA710/4 CA710/10 | 100 100 100 25 |
| Marking Tags (MT Type) (MT Type on Lever) | | MT8 | 100 | MT8 | 100 |

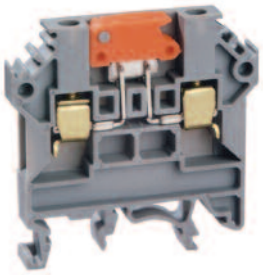
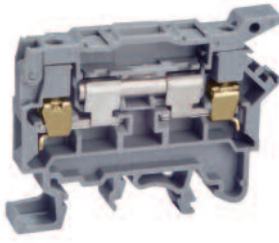
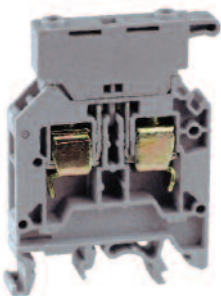








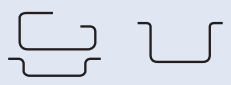
COLOR BLOCKS
(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |



| CKT4U | | | CSDL4U | | | CSDL6U | | | DDDL4U | |
|---|-------------|-----------|---|-------------|-----------|--|-------------|----------|---|-----------|
|  | | |  | | |  | | |  | |
| CE | | | CE | | | CE | | | CE | |
| 6 mm | | | 8 mm | | | 8 mm | | | 8 mm | |
| 46 x 46.3 mm | | | 43 x 58 mm | | | 60 x 43 mm | | | 66 x 88 mm | |
| 9 mm | | | 9.5 mm | | | 9.5 mm | | | 9.5 mm | |
| Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | |
| 2 screw clamps | | | 2 screw clamps | | | 2 screw clamps | | | 4 screw clamps | |
|  | | |  | | |  | | |  | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG | 22-10 AWG | 22-10 AWG |
| 600 V | 750 V | 600 V | 600 V | 750 V | 600 V | 300 V | 500 V | 300 V | 600 V | 300 V |
| 16 A | 16 A | 16 A | 14 A | 6.3 A | 14 A | 10 A | 6.3 A | 10 A | 14 / 35 A | 14 / 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in | 14 lb-in | 0.8 Nm | 14 lb-in | 7 lb-in | 7 lb-in |
| Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | |
| CKT4U | 50 | CSDL4U | 100 | CSDL6U | 50 | DDDL4U | 20 | | | |
| EPCKT4U | 50 | EPCSFL4U | 50 | EPCSFL6U | 50 | EPDDL4U | 25 | | | |
| | | PPCSFL4U | 50 | | | | | | | |
|  | | |  | | |  | | |  | |
| CA702 | 50 | CA702 | 50 | CA702 | 50 | CA702 | 50 | CA702 | 50 | |
| CA802 | 50 | CA802 | 50 | CA802 | 50 | CA802 | 50 | CA802 | 50 | |
| CA713/2 | 100 | CA711/2 | 100 | CA710/2 | 100 | CA711/2 | 100 | | | |
| CA713/3 | 100 | CA711/3 | 100 | CA710/3 | 50 | CA711/3 | 100 | | | |
| CA713/4 | 50 | CA711/4 | 50 | CA710/4 | 50 | CA711/4 | 50 | | | |
| CA713/10 | 25 | CA711/10 | 25 | CA710/10 | 25 | CA711/10 | 25 | | | |
| MT6 | 100 | MT8 | 100 | MT8 | 100 | MT8 | 100 | | | |
| | | MT2 | 100 | | | MT2 | 100 | | | |

FUSE BLOCKS

Certain electrical and control systems require protection by fuses. CSFL4U and CSFL6U have a specially designed space for cartridge type glass fuse and accept Ø5 x 20 or Ø5 x 25 mm fuses. CAFL4U accepts Ø1/4 x 1-1/4 in. fuses. The fuse can be engaged or disengaged by the movement of the carrier.

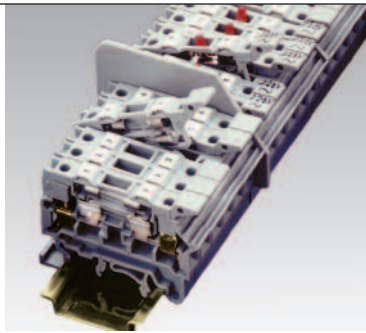
Altech fuse terminals are also available with light indication - CSFL4U(L). A specially designed built-in circuit gives light indication in the event of fuse blow out. Thus, fault in a circuit can be easily located.










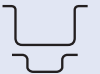


However, an application of such terminals must take into consideration residual current flow.

CAFL4U(L) is equipped with a LED for blown fuse indication. CAFL4U(N) is equipped with a neon bulb for same application.

Important: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link/lever.

† Fuses are sold separately Altech, see page 34 for details.












| | CSFL4U | | | CSFL4U(L)* | | |
|--|--|-----------------|---|---|---|-----------|
| Terminal Width | 8 mm | | | 8 mm | | |
| Height x Length | 43 x 58 mm | | | 43 x 58 mm | | |
| Stripping Length | 9.5 mm | | | 9.5 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps | | | 2 screw clamps | | |
| Fusion Voltage | | | | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC | | |
| Type of Fuse Used | Ø5x20, Ø5x25 mm | | | Ø5x20, Ø5x25 mm | | |
| Approvals |  | |  | |  | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 750 V | 600 V | 600 V | 750 V | 600 V |
| Current Rating | 16 A | 6.3 A | 8 A | 6.3 A | 6.3 A | 8 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| Terminal Block | CSFL4U | 100 | | CSFL4U(L)* | 50 | |
| End Plate  | EPCSFL4U | 50 | | EPCSFL4U | 50 | |
| Isolation Partition  | PPCSFL4U | 50 | | PPCSFL4U | 50 | |
| DIN Rail <i>for ordering information refer to page 62</i> |   | |   | | | |
| End Stop <i>for ordering information refer to page 63</i>  | CA702 | 50 | | CA702 | 50 | |
| | CA802 | 50 | | CA802 | 50 | |
| External Jumper 2 pole 3 pole 4 pole 10 pole  | CA711/2 | 100 | | CA711/2 | 100 | |
| | CA711/3 | 100 | | CA711/3 | 100 | |
| | CA711/4 | 50 | | CA711/4 | 50 | |
| | CA711/10 | 25 | | CA711/10 | 25 | |
| Marking Tags (MT Type)  (MT Type on Lever) | MT8 | 100 | | MT8 | 100 | |
| | MT2 | 100 | | MT2 | 100 | |

COLOR BLOCKS
(other than grey standard)

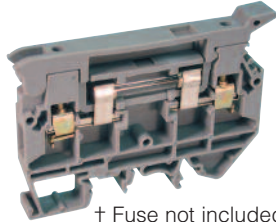
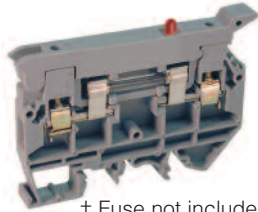
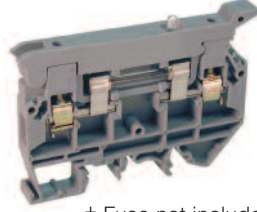









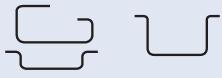
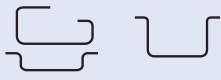
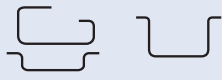
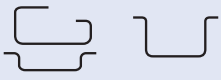
When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix | |
|------------|-----------------|---|
| Red | R |  |
| Blue | BU |  |
| Black | BL |  |
| Orange | O |  |
| Green | G |  |
| Yellow | Y |  |
| White | W |  |
| Beige | BG |  |
| Dark Brown | DB |  |



* Add required voltage to part number as a suffix. i.e. CSFL4U(L)/24 for 24V AC/DC.

| CAFL4U | | | CAFL4U(L)* | | | CAFL4U(N) | | | CSFL6U | | |
|---|-----------------|-----------|---|-----------------|-----------|---|-----------------|-----------|---|-----------------|----------|
|  | | |  | | |  | | |  | | |
| † Fuse not included. | | | † Fuse not included. | | | † Fuse not included. | | | † Fuse not included. | | |
| 9 mm | | | 9 mm | | | 9 mm | | | 8 mm | | |
| 50 x 72 mm | | | 50 x 70 mm | | | 50 x 70 mm | | | 60 x 43 mm | | |
| 12 mm | | | 12 mm | | | 12 mm | | | 12 mm | | |
| Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| 2 screw clamps | | | 2 screw clamps | | | 2 screw clamps | | | 2 screw clamps | | |
| Ø1/4x1 in., Ø1/4x1 1/4 in. | | | Ø1/4x1 in., Ø1/4x1 1/4 in. | | | Ø1/4x1 in., Ø1/4x1 1/4 in. | | | Ø5x20, Ø5x25 mm | | |
|   | | |   | | |   | | |   | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG |
| 600 V | 600 V | 600 V | 600 V | 600 V | 600 V | 600 V | 600 V | 600 V | 300 V | 500 V | 300 V |
| 16 A | 6.3 A | 12 A | 16 A | 6.3 A | 12 A | 16 A | 6.3 A | 12 A | 10 A | 6.3 A | 10 A |
| 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in | 14 lb-in | 0.8 Nm | 14 lb-in |
| Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| CAFL4U | 25 | | CAFL4U(L)* | 25 | | CAFL4U(N) | 25 | | CSFL6U | 50 | |
| EPCAFL4U | 50 | | EPCAFL4U | 50 | | EPCAFL4U | 50 | | EPCSFL6U | 50 | |
|  | | |  | | |  | | |  | | |
| CA702 | 50 | | CA702 | 50 | | CA702 | 50 | | CA702 | 50 | |
| CA802 | 50 | | CA802 | 50 | | CA802 | 50 | | CA802 | 50 | |
| CA716/2 | 50 | | CA716/2 | 50 | | CA716/2 | 50 | | CA710/2 | 100 | |
| CA716/3 | 50 | | CA716/3 | 50 | | CA716/3 | 50 | | CA710/3 | 100 | |
| CA716/4 | 50 | | CA716/4 | 50 | | CA716/4 | 50 | | CA710/4 | 100 | |
| CA716/10 | 25 | | CA716/10 | 25 | | CA716/10 | 25 | | CA710/10 | 25 | |
| MT9 | 100 | | MT9 | 100 | | MT9 | 100 | | MT8 | 100 | |
| | | | | | | | | | MT6 | 100 | |

* Add required voltage to part number as a suffix. i.e. CSFL4U(L)/24 for 24V AC/DC.

FUSE BLOCKS

DDFL4U - Double Level Fuse Terminal with fuse link on the top level has a separate feed through terminal at the lower level. This eliminates use of an additional feed through terminal.

In DDFL4U(E), specially designed built in circuit gives light indication in the event of a fuse blow out at the top level. The terminal provides separate feed through connection possibility at the lower level.

DDFL4U(LR): This is a modified version of DDFL4U(E) terminal where in two equipotential connection points are available on both ends of the terminal.

Important: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link/lever.

† Fuses are sold separately
Altech, see page 34
for details.



COLOR BLOCKS

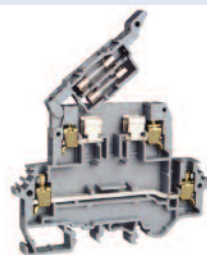
(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

DDFL4U



† Fuse not included.

DDFL4U(E)*



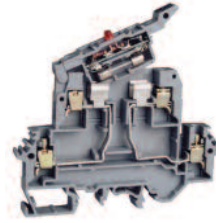
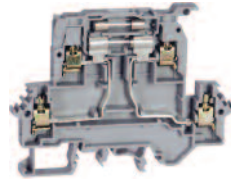
† Fuse not included.

| | DDFL4U | | | DDFL4U(E)* | | |
|--|---------------------------------------|-----------------|---|---|-----------------|-------------|
| Terminal Width | 8 mm | | | 8 mm | | |
| Height x Length | 66 x 88 mm | | | 66 x 88 mm | | |
| Stripping Length | 9.5 mm | | | 9.5 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 4 screw clamps | | | 4 screw clamps | | |
| Fusion Voltage | | | | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC | | |
| Type of Fuse Used | Ø5x20, Ø5x25 mm | | | Ø5x20, Ø5x25 mm | | |
| Approvals | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 600 V | 600 V | 600 V | 600 V | 600 V |
| Current Rating | Top Level Bottom Level | 6.3 A 35 A | 6.3 A 32 A | 8 A 35 A | 6.3 A 32 A | 8 A 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| Terminal Block | DDFL4U | 20 | | DDFL4U(E)* | 20 | |
| End Plate | EPDDFL4U | 25 | | EPDDFL4U | 25 | |
| DIN Rail <i>for ordering information refer to page 62</i> | | | | | | |
| End Stop <i>for ordering information refer to page 63</i> | | | | | | |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole | | CA729/2 100 CA729/3 50 CA729/4 50 CA729/10 10 | CA729/2 100 CA729/3 50 CA729/4 50 CA729/10 10 | | |
| Insulated Internal Jumper | 2 pole 3 pole 4 pole 10 pole | | CA749/2 100 CA749/3 50 CA749/4 50 CA749/10 10 | CA749/2 100 CA749/3 50 CA749/4 50 CA749/10 10 | | |
| Current Bar | 2 pole 3 pole 4 pole 10 pole | | CA703/6 100 CA704/6 100 CA705/6 100 CA737/10 100 | CA703/6 100 CA704/6 100 CA705/6 100 CA737/10 100 | | |
| Shorting Sleeve & Screw | | | CA707/S/Q/3 100 | CA707/S/Q/3 100 | | |
| External Jumper | 2 pole 3 pole 4 pole 10 pole | | CA711/2 100 CA711/3 100 CA711/4 50 CA711/10 25 | CA711/2 100 CA711/3 100 CA711/4 50 CA711/10 25 | | |
| Marking Tags | (MT Type) (MT Type on Lever) | | MT8 100 MT2 100 | MT8 100 MT2 100 | | |

*Add required voltage to part number as a suffix. i.e. DDFL4U(E)/24 for 24V AC/DC. ** 25A @ 500 V, 10A @ 690V, 16A @ 500V for fast blow.

DDFL4ULR

DDFL4U(E)LR*



† Fuse not included.

† Fuse not included.

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|-----------------|-----------|---|-----------------|-----------|-------|--------------|-------|-------|-------|--|--|--|-----------|-------|-------|-------|--------------|-------|-------|-------|
| Terminal Width | 8 mm | | | 8 mm | | | | | | | | | | | | | | | | | | |
| Height x Length | 66 x 88 mm | | | 66 x 88 mm | | | | | | | | | | | | | | | | | | |
| Stripping Length | 9.5 mm | | | 9.5 mm | | | | | | | | | | | | | | | | | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | | | | | | | | | | | | | | | | |
| Type of Connection | 4 screw clamps | | | 4 screw clamps | | | | | | | | | | | | | | | | | | |
| Fusion Voltage | | | | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC | | | | | | | | | | | | | | | | | | |
| Type of Fuse Used | Ø5x20, Ø5x25 mm | | | Ø5x20, Ø5x25 mm | | | | | | | | | | | | | | | | | | |
| Approvals | | | | | | | | | | | | | | | | | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | | | | | | | | | | | | | | | | |
| Voltage Rating | 600 V | 600 V | 600 V | 600 V | 600 V | 600 V | | | | | | | | | | | | | | | | |
| Current Rating | <table border="1"> <tr> <td>Top Level</td> <td>6.3 A</td> <td>6.3 A</td> <td>6.3 A</td> </tr> <tr> <td>Bottom Level</td> <td>6.3 A</td> <td>6.3 A</td> <td>6.3 A</td> </tr> </table> | | | Top Level | 6.3 A | 6.3 A | 6.3 A | Bottom Level | 6.3 A | 6.3 A | 6.3 A | <table border="1"> <tr> <td>Top Level</td> <td>6.3 A</td> <td>6.3 A</td> <td>6.3 A</td> </tr> <tr> <td>Bottom Level</td> <td>6.3 A</td> <td>6.3 A</td> <td>6.3 A</td> </tr> </table> | | | Top Level | 6.3 A | 6.3 A | 6.3 A | Bottom Level | 6.3 A | 6.3 A | 6.3 A |
| Top Level | 6.3 A | 6.3 A | 6.3 A | | | | | | | | | | | | | | | | | | | |
| Bottom Level | 6.3 A | 6.3 A | 6.3 A | | | | | | | | | | | | | | | | | | | |
| Top Level | 6.3 A | 6.3 A | 6.3 A | | | | | | | | | | | | | | | | | | | |
| Bottom Level | 6.3 A | 6.3 A | 6.3 A | | | | | | | | | | | | | | | | | | | |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in | | | | | | | | | | | | | | | | |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | | | | | | | | | | | | | | | | |
| Terminal Block | DDFL4ULR | 20 | | DDFL4U(E)LR* | 20 | | | | | | | | | | | | | | | | | |
| End Plate | EPDDL4U | 20 | | EPDDL4U | 20 | | | | | | | | | | | | | | | | | |
| DIN Rail | | | | | | | | | | | | | | | | | | | | | | |
| | CA702 | 50 | | CA702 | 50 | | | | | | | | | | | | | | | | | |
| | CA802 | 50 | | CA802 | 50 | | | | | | | | | | | | | | | | | |
| End Stop | | | | | | | | | | | | | | | | | | | | | | |
| | CA729/2 | 100 | | CA729/2 | 100 | | | | | | | | | | | | | | | | | |
| | CA729/3 | 50 | | CA729/3 | 50 | | | | | | | | | | | | | | | | | |
| | CA729/4 | 50 | | CA729/4 | 50 | | | | | | | | | | | | | | | | | |
| | CA729/10 | 10 | | CA729/10 | 10 | | | | | | | | | | | | | | | | | |
| Internal Jumper | | | | | | | | | | | | | | | | | | | | | | |
| | CA749/2 | 100 | | CA749/2 | 100 | | | | | | | | | | | | | | | | | |
| | CA749/3 | 50 | | CA749/3 | 50 | | | | | | | | | | | | | | | | | |
| | CA749/4 | 50 | | CA749/4 | 50 | | | | | | | | | | | | | | | | | |
| | CA749/10 | 10 | | CA749/10 | 10 | | | | | | | | | | | | | | | | | |
| Insulated Internal Jumper | | | | | | | | | | | | | | | | | | | | | | |
| | CA703/6 | 100 | | CA703/6 | 100 | | | | | | | | | | | | | | | | | |
| | CA704/6 | 100 | | CA704/6 | 100 | | | | | | | | | | | | | | | | | |
| | CA705/6 | 100 | | CA705/6 | 100 | | | | | | | | | | | | | | | | | |
| | CA738/10 | 100 | | CA737/10 | 100 | | | | | | | | | | | | | | | | | |
| Current Bar | | | | | | | | | | | | | | | | | | | | | | |
| | CA707/S/Q/3 | 100 | | CA707/S/Q/3 | 100 | | | | | | | | | | | | | | | | | |
| Shorting Sleeve & Screw | | | | | | | | | | | | | | | | | | | | | | |
| | CA711/2 | 100 | | CA711/2 | 100 | | | | | | | | | | | | | | | | | |
| | CA711/3 | 100 | | CA711/3 | 100 | | | | | | | | | | | | | | | | | |
| | CA711/4 | 50 | | CA711/4 | 50 | | | | | | | | | | | | | | | | | |
| | CA711/10 | 25 | | CA711/10 | 25 | | | | | | | | | | | | | | | | | |
| External Jumper | | | | | | | | | | | | | | | | | | | | | | |
| | MT8 | 100 | | MT8 | 100 | | | | | | | | | | | | | | | | | |
| | MT2 | 100 | | MT2 | 100 | | | | | | | | | | | | | | | | | |
| Marking Tags | (MT Type) | | | (MT Type) | | | | | | | | | | | | | | | | | | |
| | (MT Type on Lever) | | | (MT Type on Lever) | | | | | | | | | | | | | | | | | | |

***Add required voltage to part number as a suffix. i.e. DDFL4U(E)LR/24 for 24V AC/DC. 1 Left or right side connection.**

FUSE HOLDERS

The main characteristics of fuse disconnectors are:





- Compliance with IEC 60947-1, IEC 60947-3
- UL508 recognized
- Plastic parts are made of material resistant to high temperatures
- All contact surfaces are silver plated
- Mounting on standard DIN 35 mm rail (DIN EN60715).
- Available up to 4 pole
- For all sizes a version with electronic indicator is available. There are two technical types of indicator:

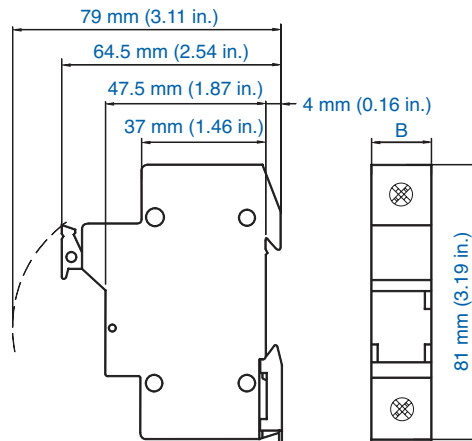
L (LED) with built in LED diode which blinks after the fuse-link operates. The internal circuit resistance is 2M, thus the total dissipation is minimal. The indicator is capable of operating in conditions of open circuit with minimum capacitance between connection cables.

Operating voltage range spans from 50V to 690V AC and DC.

I (NEON) with neon lamp, which is constantly lit after the fuse-link operates. The internal circuit resistance is 570k, thus it is necessary that the circuit be closed in order for the indicator to function. The operational voltage range is 100 V to 750 V AC.

*** Fuses are sold separately Altech, see page 34 for details.**

| | 1 POLE | | | 2 POLE | | | 3 POLE | | |
|--|---|-----------------|----------|---|-----------------|----------|---|-----------------|----------|
| |  | | |  | | |  | | |
| Terminal Width (B) | 17.5 mm | | | 35 mm | | | 52.5 mm | | |
| Height x Length | 77 x 63.5 mm | | | 77 x 63.5 mm | | | 77 x 63.5 mm | | |
| Stripping Length | 11 mm | | | 11 mm | | | 11 mm | | |
| Insulation Material | Aculon® | | | Aculon® | | | Aculon® | | |
| Type of Connection | 2 screw clamps | | | 2 screw clamps | | | 2 screw clamps | | |
| Fusion Voltage | | | | | | | | | |
| Type of Fuse Used | Ø10 x 38 mm | | | Ø10 x 38 mm | | | Ø10 x 38 mm | | |
| Approvals |   | | |   | | |   | | |
| Wire Range | 24-4 AWG | 1.5-25sq.mm | 24-4 AWG | 24-4 AWG | 1.5-25sq.mm | 24-4 AWG | 24-4 AWG | 1.5-25sq.mm | 24-4 AWG |
| Voltage Rating | 690 V | 400 V** | 690 V | 690 V | 400 V** | 690 V | 690 V | 400 V** | 690 V |
| Current Rating | 32A | 32A** | 32A | 32A | 32A** | 32A | 32A | 32A** | 32A |
| Torque | 31 lb-in | 2-2.5 Nm | 31 lb-in | 31 lb-in | 2-2.5 Nm | 31 lb-in | 31 lb-in | 2-2.5 Nm | 31 lb-in |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| Terminal Block Indicator: | | | | | | | | | |
| None | CB1038-1 | 1 | | CB1038-2 | 1 | | CB1038-3 | 1 | |
| LED | CB1038-1/L | 1 | | CB1038-2/L | 1 | | CB1038-3/L | 1 | |
| Neon | CB1038-1/I | 1 | | CB1038-2/I | 1 | | CB1038-3/I | 1 | |
| End Plate | | | | | | | | | |
| DIN Rail <i>for ordering information refer to page 62</i> |  | | |  | | |  | | |
| End Stop <i>for ordering information refer to page 63</i> | CA702 | 50 | | CA702 | 50 | | CA702 | 50 | |
| | CA802 | 50 | | CA802 | 50 | | CA802 | 50 | |



| | |
|------------------|--------|
| Dimension for B: | |
| 1 Pole | 17.5mm |
| 1 Pole + Neutral | 35mm |
| 2 Pole | 35mm |
| 3 Pole | 52.5mm |
| 3 Pole + Neutral | 70mm |

FUSES

Cylinder Fuses are typically used in industrial applications to protect electrical devices such as motors, drives, etc.

They are available in four sizes with a current range from 1 to 125 Amps. Cylinder Fuses have metal caps at both ends, and a porcelain fuse body.

Please refer to pg 34 for ordering information for Cylinder Fuse Bases.

OPERATING CLASSES

gL/gG - Line Protection

Slow, typically used for distribution circuits or resistive loads.

Typical Markings: gL/gG

aM - Motor Protection

Fast acting short circuit protection, but slow acting overload protection.

Typical Marking: aM

aR - Semiconductor Protection

Partial range, short circuit protection for devices such as diodes, SCRs. etc.

Typical Markings: Ultra Rapid™, Sitor™, Silcu™, Protister™, Recticur™, Ultra Quick™, aR 

gR - Semiconductor Protection

Full range, short circuit protection for devices such as diodes, SCRs. etc.

Typical Markings: Ultra Rapid™, Sitor™, Silcu™, Protister™, Recticur™, Ultra Quick™, gR 

Note:

Other fuse sizes and fuse holders are available. Please refer to the Altech European Fuse catalog for more information.

gL/gG - Line Protection

Standard: IEC 20269-4-1 and IEC60269-1
Rated Voltage: 500V



10x38

| Rated Current/ Rated Voltate | Cat. No. | Std. Pk. |
|---------------------------------|----------|----------|
| 0.5A | 2620017 | 10 |
| 1A | 2620000 | 10 |
| 2A | 2620001 | 10 |
| 4A | 2620003 | 10 |
| 6A | 2620005 | 10 |
| 8A | 2620006 | 10 |
| 10A | 2620007 | 10 |
| 12A | 2620008 | 10 |
| 16A | 2620009 | 10 |
| 20A | 2620011 | 10 |
| 25A | 2620013 | 10 |
| 32A* | 2620015 | 10 |

*400V

aM - Motor Protection

Standard: IEC 20269-4-1 and IEC60269-1
Rated Voltage: 500V



10x38

| Rated Current/ Rated Voltate | Cat. No. | Std. Pk. |
|---------------------------------|----------|----------|
| 0.5A | 2621017 | 10 |
| 1A | 2621000 | 10 |
| 2A | 2621001 | 10 |
| 4A | 2621003 | 10 |
| 6A | 2621005 | 10 |
| 8A | 2621006 | 10 |
| 10A | 2621007 | 10 |
| 12A | 2621008 | 10 |
| 16A | 2621009 | 10 |
| 20A | 2621011 | 10 |
| 25A | 2621013 | 10 |
| 32A* | 2621015 | 10 |

*400V

aR - Semiconductor Protection

Standard: IEC 60269-4-1
Breaking Capacity: ~200 kA
Rated Voltage: ~600V**



10x38

| In (A) | Cat. No. | Operating I ² -value (A's) | Power Dissipation (W) | Std. Pk. |
|--------|----------|---------------------------------------|-----------------------|----------|
| 6 | 2625005 | 30 | 1.5 | 10 |
| 8 | 2625006 | 50 | 2 | 10 |
| 10 | 2625007 | 70 | 2.5 | 10 |
| 12 | 2625008 | 120 | 3 | 10 |
| 16 | 2625009 | 150 | 3.5 | 10 |
| 20 | 2625011 | 260 | 4.8 | 10 |
| 25 | 2625013 | 290 | 6 | 10 |
| 32 | 2625015 | 600 | 7.5 | 10 |

** 6-25A (700V DC/ breaking capacity --- 50kA)
32A (400V DC/ breaking capacity --- 50kA)

gR - Semiconductor Protection

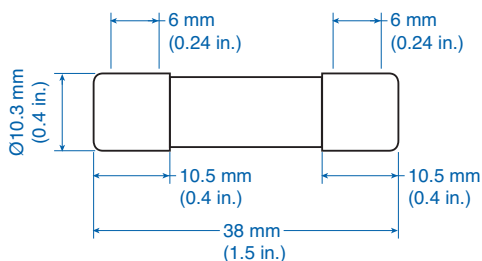
Standard: IEC 60269-4-1
Breaking Capacity: ~200 kA
Rated Voltage: ~690V

 Certified for 700V



10x38

| In (A) | Cat. No. | Operating I ² -value (A's) | Power Dissipation (W) | Std. Pk. |
|--------|----------|---------------------------------------|-----------------------|----------|
| 1 | 2645126 | 1.6 | 1 | 10 |
| 2 | 2645127 | 8 | 1.8 | 10 |
| 4 | 2645128 | 8 | 1.1 | 10 |
| 6 | 2645129 | 25 | 1.6 | 10 |
| 8 | 2645130 | 39 | 1.8 | 10 |
| 10 | 2645131 | 66 | 2.1 | 10 |
| 12 | 2645132 | 87 | 3.1 | 10 |
| 16 | 2645133 | 166 | 4.4 | 10 |
| 20 | 2645134 | 280 | 5.8 | 10 |
| 25 | 2645135 | 580 | 6.8 | 10 |
| 30 | 2645136 | 1.010 | 8.2 | 10 |



MINIATURE FUSES

Miniature Fuses are typically used to protect electronic devices, laboratory and measurement instruments, stereos, TV's, VCR's etc. They are available in four sizes with a current range of 20mA to 20 Amps. Miniature Fuses are manufactured according to VDE 0820 part 1, VDE 0820 part 2, IEC publication 127, CEE publication 4 and actual DIN standards.

The 5x20, 5x25 fuses can be used in the CSFL4U series terminal blocks. The 6.3x32 fuse can be used in the CAFL4U series terminal blocks.

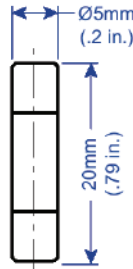
Operating Class:

Slow, Typical Marking: "T"

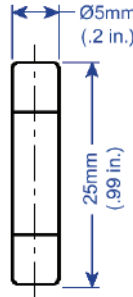
Medium, Typical Marking: "M"

Fast, Typical Marking: "F"

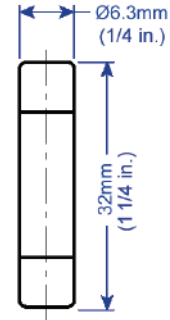
5 X 20



5 X 25



6.3 X 32 (1/4" X 1-1/4")



| Current | Voltage 250V AC/DC DIN 41662 IEC-127-2/III | | | Voltage 250V AC/DC DIN 41571-2 | | Voltage 250V AC/DC | |
|---------|---|-------------------------|--------------------------|-----------------------------------|----------------------------|-----------------------------|--|
| | Slow | Medium | Fast | Medium | Slow | Fast | |
| 20mA | | 0.02M5x20M | | | | | |
| 32mA | | 0.032M5x20M | | 0.032M5x25M | 0.032M6.3x32Tv | | |
| 40mA | | | | 0.04M5x25M | 0.04M6.3x32Tv | | |
| 50mA | 0.05M5x20T ⁴ | 0.05M5x20M | 0.05M5x20F ⁴ | 0.05M5x25M | 0.05M6.3x32T ⁴ | 0.05M6.3x32F | |
| 63mA | | 0.063M5x20M | | 0.063M5x25M | 0.063M6.3x32T ⁴ | 0.063M6.3x32F | |
| 80mA | 0.08M5x20T ⁴ | 0.08M5x20M | | 0.08M5x25M | 0.08M6.3x32T ⁴ | 0.08M6.3x32F | |
| 100mA | 0.1M5x20T ⁴ | 0.1M5x20M | 0.1M5x20F ⁴ | 0.1M5x25M | 0.1M6.3x32T ⁴ | 0.1M6.3x32F | |
| 125mA | 0.125M5x20T ⁴ | 0.125M5x20M | 0.125M5x20F ⁴ | 0.125M5x25M | 0.125M6.3x32T ⁴ | 0.125M6.3x32F | |
| 160mA | 0.16M5x20T ⁴ | 0.16M5x20M | 0.16M5x20F ⁴ | 0.16M5x25M | 0.16M6.3x32T ⁴ | 0.16M6.3x32F | |
| 200mA | 0.2M5x20T ⁴ | 0.2M5x20M | 0.2M5x20F ⁴ | 0.2M5x25M | 0.2M6.3x32T ⁴ | 0.2M6.3x32F | |
| 250mA | 0.25M5x20T ⁴ | 0.25M5x20M | 0.25M5x20F ⁴ | 0.25M5x25M | 0.25M6.3x32T ⁴ | 0.25M6.3x32F | |
| 315mA | 0.315M5x20T ⁴ | 0.315M5x20M | 0.315M5x20F ⁴ | 0.315M5x25M | 0.315M6.3x32T ⁴ | 0.315M6.3x32F | |
| 400mA | 0.4M5x20T ⁴ | 0.4M5x20M | 0.4M5x20F ⁴ | 0.4M5x25M | 0.4M6.3x32T ⁴ | 0.4M6.3x32F | |
| 500mA | 0.5M5x20T ⁴ | 0.5M5x20M | 0.5M5x20F ⁴ | 0.5M5x25M | 0.5M6.3x32T ⁴ | 0.5M6.3x32F | |
| 630mA | 0.63M5x20T ⁴ | 0.63M5x20M | 0.63M5x20F ⁴ | 0.63M5x25M | 0.63M6.3x32T ⁴ | 0.63M6.3x32F | |
| 700mA | 0.7M5x20T ⁴ | 0.7M5x20M | 0.7M5x20F ⁴ | 0.8M5x25M | 0.7M6.3x32T ⁴ | 0.7M6.3x32F | |
| 800mA | 0.8M5x20T ⁴ | 0.8M5x20M | 0.8M5x20F ⁴ | | 0.8M6.3x32T ⁴ | 0.8M6.3x32F | |
| 1.0A | 1.0M5x20T ⁴ | 1.0M5x20M | 1.0M5x20F ⁴ | 1.0M5x25M | 1.0M6.3x32T ⁴ | 1.0M6.3x32F ⁴ | |
| 1.25A | 1.25M5x20T ⁴ | 1.25M5x20M | 1.25M5x20F ⁴ | 1.25M5x25M | 1.25M6.3x32T ⁴ | 1.25M6.3x32F ⁴ | |
| 1.4A | 1.4M5x20T ⁴ | 1.4M5x20M | | 1.6M5x25M | | | |
| 1.6A | 1.6M5x20T ⁴ | 1.6M5x20M | 1.6M5x20F ⁴ | | 1.6M6.3x32T ⁴ | 1.6M6.3x32F ⁴ | |
| 2.0A | 2.0M5x20T ⁴ | 2.0M5x20M | 2.0M5x20F ⁴ | 2.0M5x25M | 2.0M6.3x32T ⁴ | 2.0M6.3x32F ⁴ | |
| 2.5A | 2.5M5x20T ⁴ | 2.5M5x20M | 2.5M5x20F ⁴ | 2.5M5x25M | 2.5M6.3x32T ⁴ | 2.5M6.3x32F ^{2,4} | |
| 3.15A | 3.15M5x20T ⁴ | 3.15M5x20M | 3.15M5x20F ⁴ | 3.15M5x25M | 3.15M6.3x32T ⁴ | 3.15M6.3x32F ^{2,4} | |
| 4.0A | 4.0M5x20T ⁴ | 4.0M5x20M | 4.0M5x20F ⁴ | 4.0M5x25M | 4.0M6.3x32T ⁴ | 4.0M6.3x32F ^{2,4} | |
| 5.0A | 5.0M5x20T ⁴ | 5.0M5x20M | 5.0M5x20F ⁴ | 5.0M5x25M | 5.0M6.3x32T ⁴ | 5.0M6.3x32F ^{3,4} | |
| 6.3A | 6.3M5x20T ⁴ | 6.3M5x20M | 6.3M5x20F ⁴ | 6.3M5x25M | 6.3M6.3x32T ⁴ | 6.3M6.3x32F ^{3,4} | |
| 7.0A | | | | | 7.0M6.3x32T ⁴ | 7.0M6.3x32F ³ | |
| 8.0A | 8.0M5x20T ¹ | 8.0M5x20M | 8.0M5x20F ¹ | | 8.0M6.3x32T ⁴ | 8.0M6.3x32F ³ | |
| 10.0A | 10.0M5x20T ¹ | 10.0M5x20M | 10.0M5x20F ¹ | 8.0M5x25M ¹ | 10.0M6.3x32T ⁴ | 10.0M6.3x32F ³ | |
| 12.5A | 12.5M5x20T ¹ | 12.5M5x20M ¹ | 12.5M5x20F ¹ | 10.0M5x25M ¹ | 12.5M6.3x32T ⁴ | 12.5M6.3x32F ³ | |
| 16.0A | 16.0M5x20T ¹ | 16.0M5x20M ¹ | 16.0M5x20F ¹ | 16.0M5x25M ¹ | 16.0M6.3x32T ⁴ | 16.0M6.3x32F ³ | |
| 20.0A | 20.0M5x20T ¹ | 20.0M5x20M ¹ | 20.0M5x20F ¹ | | 20.0M6.3x32T ⁴ | 20.0M6.3x32F ³ | |
| | Std. Pk. 10 | | | Std. Pk. 10 | | Std. Pk. 10 | |

- ¹ Not standard rating.
- ² Rated Voltage 150V.
- ³ Rated Voltage 60V.
- ⁴ UL recognized version available upon request.

THERMOCOUPLE TERMINAL BLOCK

Altech thermocouple terminal blocks are designed for use in temperature measuring circuits.

The current carrying part of the terminal blocks have the same material (according to DIN437134 and DIN43714) which is used for compensating cables in the temperature measurement circuit (up to 200°C). Thus fulfilling the norms stated in DIN EN60584.

The terminal block is marked for the respective type of thermocouple which enables easy identification for wiring.

- CTT2.5UK 'K' type -
Chromel (NiCr)
Alumel (NiAl)
- CTT2.5UJ 'J' type -
Iron (Fe)
Constantan (CuNi)
- CTT2.5UT 'T' type -
Copper (Cu)
Constantan (CuNi)
- CTT2.5UE 'E' type -
Chromel (NiCr)
Constantan (CuNi)



COLOR BLOCKS

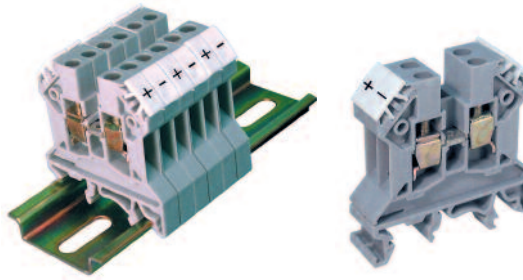
(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix | |
|------------|-----------------|--|
| Red | R | |
| Blue | BU | |
| Black | BL | |
| Orange | O | |
| Green | G | |
| Yellow | Y | |
| White | W | |
| Beige | BG | |
| Dark Brown | DB | |

CTT2.5UK/J/T/E



| | |
|---------------------------|-------------------------------|
| Terminal Width | 10 mm |
| Height x Length | 45 x 43 mm |
| Stripping Length | 9 mm |
| Insulation Material | Polyamide 6.6 |
| Current Carrying Material | Chromel/Alumel (NiCr/NiAl) |
| Type of Connection | 4 screw clamps |
| Ratings: | |
| Wire Range | 22-12 AWG |
| Voltage Rating | 300 V |
| Current Rating | 10 A |
| Torque | 7 lb-in |

| | Cat. No. | Std. Pk. |
|--|--|----------------------|
| Terminal Block | CTT2.5UK CTT2.5UJ CTT2.5UT CTT2.5UE | 50 50 50 50 |
| End Plate | EP2.5/4UN | 50 |
| Isolation Plate | PP2.5/4UN | 50 |
| DIN Rail for ordering information refer to page 63 | | |
| End Clamp | CA802 CA702 | 100 100 |

Stud Type

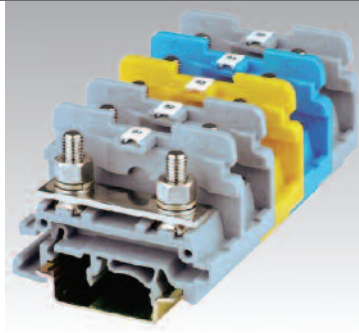
Terminal Blocks

Altech DIN rail mounting Stud Type Terminal Blocks are preferred for the connections that are subjected to very severe vibrations.

The wire is crimped to a ring / fork type lug and is screwed on to the flat current bar in terminal. The range includes terminal blocks for wires of size 22-4 AWG.

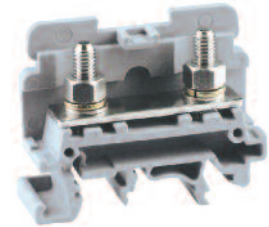
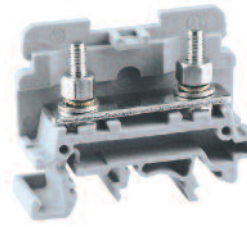
Jumpering can be achieved with the aid of external jumpers. The jumpers are insulated to make them shock proof. The terminal blocks have marker holding recess to accommodate MT type marking tags.

It is recommended to use protective covers in transparent plastic because assemblies of these terminals blocks are not fully covered.



CSTSN4U

CSTSN5U



| | | | | | | |
|---------------------|--|--------------|----------|--|--------------|------------|
| Terminal Width | 17 mm | | | 17 mm | | |
| Height x Length | 44.5 x 50 mm | | | 44.5 x 50 mm | | |
| Stripping Length | 12 mm | | | 12 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw connection for M4 ring/fork lugs | | | 2 screw connection for M5 ring/fork lugs | | |
| Approvals | | | | | | |
| Wire Range | 22-6 AWG | 1.5-10 sq.mm | 22-6 AWG | 22-4 AWG | 1.5-16 sq.mm | 22-4 AWG |
| Voltage Rating | 600 V | 800 V | 600 V | 600 V | 800 V | 600 V |
| Current Rating | 65 A | 57 A | 65 A | 80 A | 76 A | 80 A |
| Torque | 14 lb-in | 1.2 Nm | 14 lb-in | 17.5 lb-in | 2.0 Nm | 17.5 lb-in |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | |
|---|----------------------------|-------------------------------------|-----------------|-------------------------------------|-----------------|
| Terminal Block | CSTSN4U | 100 | CSTSN5U | 100 | |
| End Plate | EPCSTSN5U | 50 | EPCSTSN5U | 50 | |
| DIN Rail for ordering information refer to page 62 | | | | | |
| End Stop for ordering information refer to page 63 | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 | |
| Protective Cover for covering | 2 Terminal 3 Terminal | CSTSPC1 CSTSPC1-1 | 100 100 | CSTSPC1 CSTSPC1-1 | 100 100 |
| Protective Cover in Length | 100 mm 200 mm 300 mm | CSTSPC1-2 CSTSPC1-3 CSTSPC1-4 | 10 10 10 | CSTSPC1-2 CSTSPC1-3 CSTSPC1-4 | 10 10 10 |
| Insulated Removable Jumpers | 2 way 3 way 4 way | CA514/1-2 CA514/1-3 CA514/1-4 | 100 50 50 | CA514/1-2 CA514/1-3 CA514/1-4 | 100 50 50 |
| Insulated Permanent Jumpers | 2 way 3 way 4 way | CA514/3-2 CA514/3-3 CA514/3-4 | 100 50 50 | CA514/3-2 CA514/3-3 CA514/3-4 | 100 50 50 |
| Marking Tags (MTType) | MT2 | 100 | MT2 | 100 | |



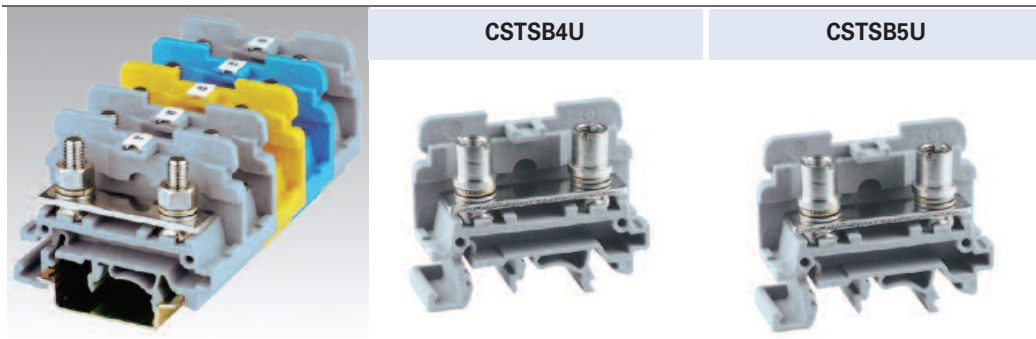
COLOR BLOCKS (other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

¹ Approval pending.



| | | | | | | |
|---------------------|--|--------------|----------|--|--------------|------------|
| Terminal Width | 17 mm | | | 17 mm | | |
| Height x Length | 44.5 x 50 mm | | | 44.5 x 50 mm | | |
| Stripping Length | 12 mm | | | 12 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw connection for M4 ring/fork lugs | | | 2 screw connection for M5 ring/fork lugs | | |
| Approvals | | | | | | |
| Wire Range | 22-6 AWG | 1.5-10 sq.mm | 22-6 AWG | 22-4 AWG | 1.5-16 sq.mm | 22-4 AWG |
| Voltage Rating | 600 V | 800 V | 600 V | 600 V | 800 V | 600 V |
| Current Rating | 65 A | 57 A | 65 A | 80 A | 76 A | 80 A |
| Torque | 14 lb-in | 1.2 Nm | 14 lb-in | 17.5 lb-in | 2.0 Nm | 17.5 lb-in |

| | | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|--|-------------------------|----------|-----------|----------|
| Terminal Block | | CSTSB4U | 100 | CSTSB5U | 100 |
| End Plate | | EPCSTN5U | 50 | EPCSTN5U | 50 |
| DIN Rail | | | | | |
| DIN Rail for ordering information refer to page 62 | | | | | |
| End Stop | | CA702 | 50 | CA702 | 50 |
| End Stop for ordering information refer to page 63 | | CA802 | 50 | CA802 | 50 |
| Protective Cover for covering | | 2 Terminal CSTSPC1 | 100 | CSTSPC1 | 100 |
| | | 3 Terminal CSTSPC1-1 | 100 | CSTSPC1-1 | 100 |
| Protective Cover in Length | | 100 mm CSTSPC1-2 | 10 | CSTSPC1-2 | 10 |
| | | 200 mm CSTSPC1-3 | 10 | CSTSPC1-3 | 10 |
| | | 300 mm CSTSPC1-4 | 10 | CSTSPC1-4 | 10 |
| Insulated Removable Jumpers | | 2 way CA514/1-2 | 100 | CA514/1-2 | 100 |
| | | 3 way CA514/1-3 | 50 | CA514/1-3 | 50 |
| | | 4 way CA514/1-4 | 50 | CA514/1-4 | 50 |
| Insulated Permanent Jumpers | | 2 way CA514/3-2 | 100 | CA514/3-2 | 100 |
| | | 3 way CA514/3-3 | 50 | CA514/3-3 | 50 |
| | | 4 way CA514/3-4 | 50 | CA514/3-4 | 50 |
| Marking Tags (MTType) | | MT2 | 100 | MT2 | 100 |

¹ Approval pending.

INDICATOR/ DIODE CIRCUITS

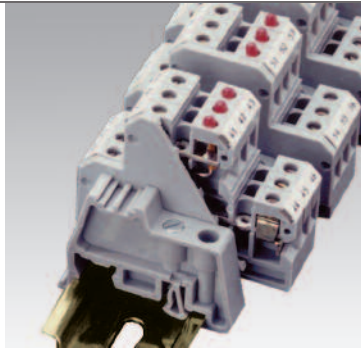
35 or 32mm DIN Rail

Altech offers different types of terminals incorporating electronic components for signal converting, circuit protection and status indication. Based on customer requirements, specially assembled terminals are offered.

CDL4U(O) - Double level terminal with open lower current bar to accommodate electronic components like diodes, resistors, LEDs, etc.

Diode Specifications

| | |
|-----------------------|---------|
| Diode | 1N 4007 |
| Diode Reverse Voltage | 1000 V |
| Diode Current | 1 A |

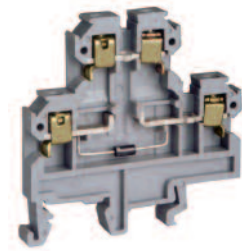


CDL4U(E)D1/D2



With arc suppression circuit for contactors and solenoid valves - DC

CDL4U(E)D3



Diode circuit for reverse polarity protection

| Terminal Width | 6 mm | | | 6 mm | | |
|------------------|--------------|-------------|-----------|--------------|-------------|-----------|
| Height x Length | 54 x 55.5 mm | | | 54 x 55.5 mm | | |
| Terminal Voltage | 300 V~ | | | 300 V~ | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Approvals | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 400 V | 600 V | 600 V | 400 V | 600 V |
| Current Rating | 25 A | 32 A | 35 A | 25 A | 32 A | 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|--|---------------------------------------|--|---------------------------------------|
| Terminal Block | CDL4U(E)D1 CDL4U(E)D2 | 100 100 | CDL4U(E)D3 | 100 |
| End Plate | EPCDL4U | 50 | EPCDL4U | 50 |
| DIN Rail for ordering information refer to page 62 | | | | |
| End Stop for ordering information refer to page 63 | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| Internal Jumper | CA727/2 CA727/3 CA727/4 CA727/10 | 10 10 10 10 | CA727/2 CA727/3 CA727/4 CA727/10 | 10 10 10 10 |
| Current Bars | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 |
| Shorting Sleeve & Screw | CA607/S/Q | 100 | CA607/S/Q | 100 |
| Marking Tags (MT Type) | MT2 | 100 | MT2 | 100 |



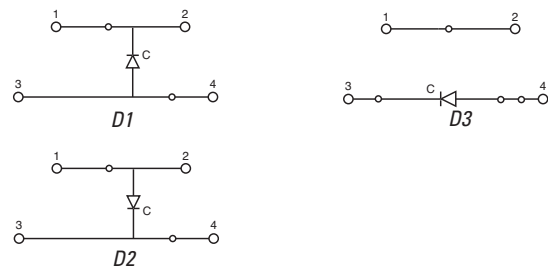
COLOR BLOCKS

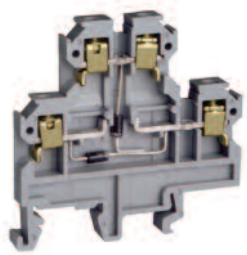
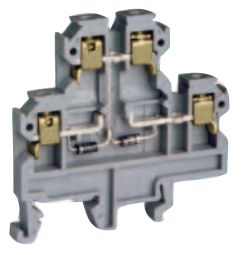

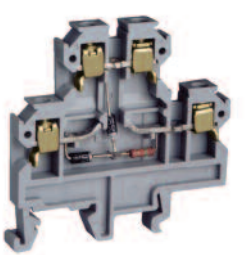




(other than grey standard)





When ordering please add color suffix to Cat. No.

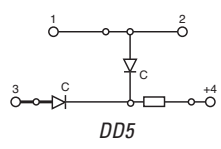
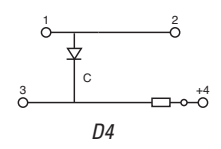
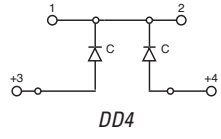
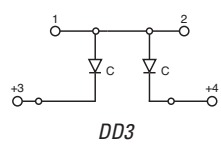
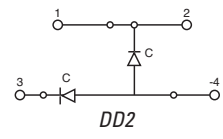
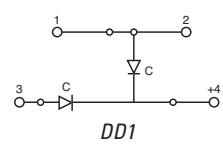
Example: CTS2.5U-N/R

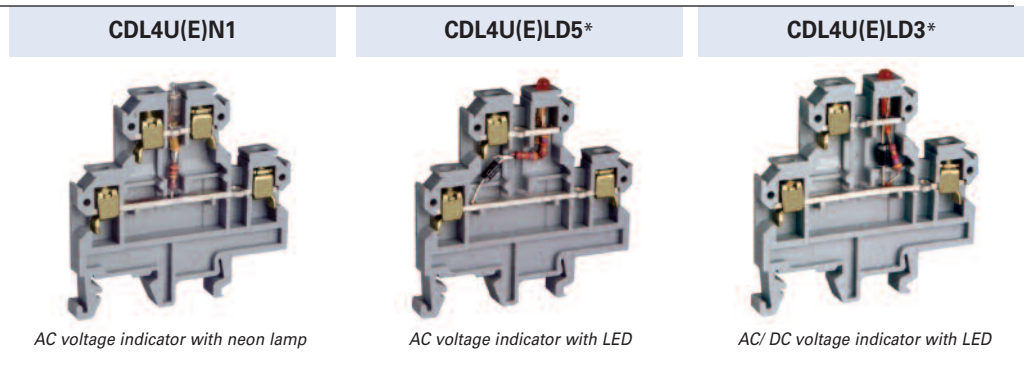
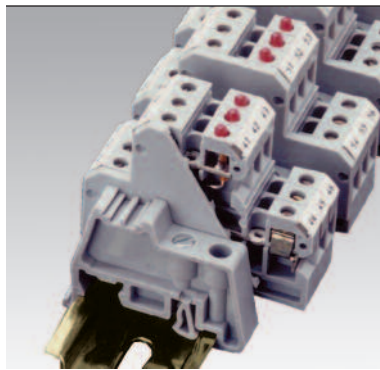
| Color | Ordering Suffix | |
|------------|-----------------|--|
| Red | R | |
| Blue | BU | |
| Black | BL | |
| Orange | O | |
| Green | G | |
| Yellow | Y | |
| White | W | |
| Beige | BG | |
| Dark Brown | DB | |



| CDL4U(E)DD1/DD2 | CDL4U(E)DD3/DD4 | CDL4U(E)D4 | CDL4U(E)DD5 |
|---|---|--|---|
|  |  |  |  |
| <i>Diode circuit for lamp testing</i> | <i>Diode circuit for lamp testing</i> | <i>Diode circuit for lamp testing with LED series resistance</i> | <i>Diode circuit for lamp testing with LED series resistance</i> |
| 6 mm | 6 mm | 6 mm | 6 mm |
| 54 x 55.5 mm | 54 x 55.5 mm | 54 x 55.5 mm | 54 x 55.5 mm |
| 300 V~ | 300 V~ | 24 V~ | 24 V~ |
| 9 mm | 9 mm | 9 mm | 9 mm |
|  |  |  |  |
| 22-10 AWG 0.5-4 sq.mm 22-10 AWG | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | 22-10 AWG 0.5-4 sq.mm 22-10 AWG |
| 600 V 400 V 600 V | 600 V 400 V 600 V | 600 V 400 V 600 V | 600 V 400 V 600 V |
| 25 A 32 A 35 A | 25 A 32 A 35 A | 25 A 32 A 35 A | 25 A 32 A 35 A |
| 7 lb-in 0.5 Nm 7 lb-in | 7 lb-in 0.5 Nm 7 lb-in | 7 lb-in 0.5 Nm 7 lb-in | 7 lb-in 0.5 Nm 7 lb-in |

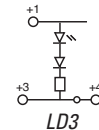
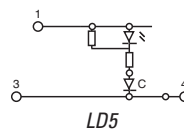
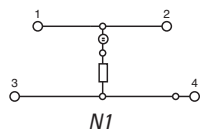
| Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|----------|---|----------|--|----------|---|----------|
| CDL4U(E)DD1 | 100 | CDL4U(E)DD3 | 100 | CDL4U(E)D4 | 100 | CDL4U(E)DD5 | 100 |
| CDL4U(E)DD2 | 100 | CDL4U(E)DD4 | 100 | | | | |
| EPCDL4U | 50 | EPCDL4U | 50 | EPCDL4U | 50 | EPCDL4U | 50 |
|  | |  | |  | |  | |
| CA702 | 50 | CA702 | 50 | CA702 | 50 | CA702 | 50 |
| CA802 | 50 | CA802 | 50 | CA802 | 50 | CA802 | 50 |
| CA727/2 | 10 | CA727/2 | 10 | CA727/2 | 10 | CA727/2 | 10 |
| CA727/3 | 10 | CA727/3 | 10 | CA727/3 | 10 | CA727/3 | 10 |
| CA727/4 | 10 | CA727/4 | 10 | CA727/4 | 10 | CA727/4 | 10 |
| CA727/10 | 10 | CA727/10 | 10 | CA727/10 | 10 | CA727/10 | 10 |
| CA703/1 | 100 | CA703/1 | 100 | CA703/1 | 100 | CA703/1 | 100 |
| CA704/1 | 100 | CA704/1 | 100 | CA704/1 | 100 | CA704/1 | 100 |
| CA705/1 | 100 | CA705/1 | 100 | CA705/1 | 100 | CA705/1 | 100 |
| CA732/10 | 100 | CA732/10 | 100 | CA732/10 | 100 | CA732/10 | 100 |
| CA732/10-A | 100 | CA732/10-A | 100 | CA732/10-A | 100 | CA732/10-A | 100 |
| CA732/100 | 10 | CA732/100 | 10 | CA732/100 | 10 | CA732/100 | 10 |
| CA607/S/Q | 100 | CA607/S/Q | 100 | CA607/S/Q | 100 | CA607/S/Q | 100 |
| MT2 | 100 | MT2 | 100 | MT2 | 100 | MT2 | 100 |



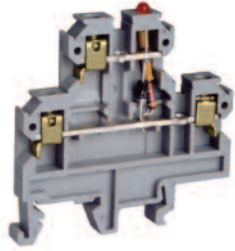
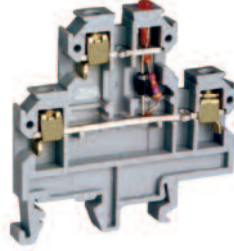
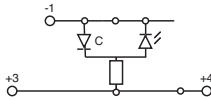


| | | | | | | | | | |
|------------------|-----------------|-------------|-----------|----------------------------|-------------|-----------|--------------|-------------|-----------|
| Terminal Width | 6 mm | | | 6 mm | | | 6 mm | | |
| Height x Length | 54 x 55.5 mm | | | 54 x 55.5 mm | | | 54 x 55.5 mm | | |
| Terminal Voltage | 100 V~ to 220 V | | | 24 V~, 48 V~, 120V~, 220V~ | | | 12 V~, 24 V~ | | |
| Stripping Length | 9 mm | | | 9 mm | | | 9 mm | | |
| Approvals | | | | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 400 V | 600 V | 600 V | 400 V | 600 V | 600 V | 400 V | 600 V |
| Current Rating | 25 A | 32 A | 35 A | 25 A | 32 A | 35 A | 25 A | 32 A | 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |

| | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. |
|--|--|---------------------|------------|-----|---------------------|------------|-----|---------------------|------------|
| Terminal Block | | CDL4U(E)N1 | 50 | | CDL4U(E)LD5* | 50 | | CDL4U(E)LD3* | 50 |
| End Plate | | EPCDL4U | 50 | | EPCDL4U | 50 | | EPCDL4U | 50 |
| DIN Rail for ordering information refer to page 62 | | | | | | | | | |
| End Stop for ordering information refer to page 63 | | CA702 | 50 | | CA702 | 50 | | CA702 | 50 |
| | | CA802 | 50 | | CA802 | 50 | | CA802 | 50 |
| Internal Jumper | | 2 pole | CA727/2 | 10 | 2 pole | CA727/2 | 10 | 2 pole | CA727/2 |
| | | 3 pole | CA727/3 | 10 | 3 pole | CA727/3 | 10 | 3 pole | CA727/3 |
| | | 4 pole | CA727/4 | 10 | 4 pole | CA727/4 | 10 | 4 pole | CA727/4 |
| | | 10 pole | CA727/10 | 10 | 10 pole | CA727/10 | 10 | 10 pole | CA727/10 |
| Current Bars | | 2 pole | CA703/1 | 100 | 2 pole | CA703/1 | 100 | 2 pole | CA703/1 |
| | | 3 pole | CA704/1 | 100 | 3 pole | CA704/1 | 100 | 3 pole | CA704/1 |
| | | 4 pole | CA705/1 | 100 | 4 pole | CA705/1 | 100 | 4 pole | CA705/1 |
| | | 10 pole | CA732/10 | 100 | 10 pole | CA732/10 | 100 | 10 pole | CA732/10 |
| | | 10 pole (breakable) | CA732/10-A | 100 | 10 pole (breakable) | CA732/10-A | 100 | 10 pole (breakable) | CA732/10-A |
| | | 100 pole | CA732/100 | 10 | 100 pole | CA732/100 | 10 | 100 pole | CA732/100 |
| Shorting Sleeve & Screw | | CA607/S/Q | 100 | | CA607/S/Q | 100 | | CA607/S/Q | 100 |
| Marking Tags (MT Type) | | MT2 | 100 | | MT2 | 100 | | MT2 | 100 |



*** Add required voltage to part number as a suffix
i.e. CDL4U(E)LD5/110 is for 110V.**

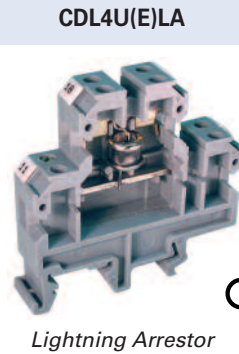
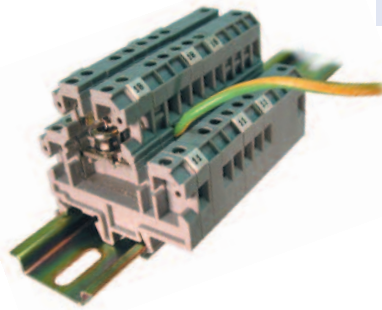
| CDL4U(E)LD4* | | | CDL4U(E)LD1/LD2 | | | CDL4U(E)L1/L2* | | | CDL4U(O) | | |
|---|---------------------------------------|--|---|---------------------------------------|--|--|---------------------------------------|--|---|---------------------------------------|--|
|  | | |  | | |  | | |  | | |
| AC/DC voltage indicator with LED | | | DC voltage indicator with LED | | | DC voltage indicator with LED | | | Electronic Component Carrier | | |
| 6 mm | | | 6 mm | | | 6 mm | | | 6 mm | | |
| 54 x 55.5 mm | | | 54 x 55.5 mm | | | 54 x 55.5 mm | | | 54 x 55.5 mm | | |
| 24 V~ | | | 24 V- | | | 6 V-, 24 V-, 60 V- | | | - | | |
| 9 mm | | | 9 mm | | | 9 mm | | | 9 mm | | |
|  | | |  | | |  | | |  | | |
| 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | |
| 600 V 400 V 600 V | | | 600 V 400 V 600 V | | | 600 V 400 V 600 V | | | 600 V 400 V 600 V | | |
| 25 A 32 A 35 A | | | 25 A 32 A 35 A | | | 25 A 32 A 35 A | | | 25 A 32 A 35 A | | |
| 7 lb-in 0.5 Nm 7 lb-in | | | 7 lb-in 0.5 Nm 7 lb-in | | | 7 lb-in 0.5 Nm 7 lb-in | | | 7 lb-in 0.5 Nm 7 lb-in | | |
| Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| CDL4U(E)LD4* | 50 | | CDL4U(E)LD1 CDL4U(E)LD2 | 50 50 | | CDL4U(E)L1* CDL4U(E)L2* | 50 50 | | CDL4U(O) | 100 | |
| EPCDL4U | 50 | | EPCDL4U | 50 | | EPCDL4U | 50 | | EPCDL4U | 50 | |
|  | | |  | | |  | | |  | | |
| CA702 CA802 | 50 50 | | CA702 CA802 | 50 50 | | CA702 CA802 | 50 50 | | CA702 CA802 | 50 50 | |
| CA727/2 CA727/3 CA727/4 CA727/10 | 10 10 10 10 | | CA727/2 CA727/3 CA727/4 CA727/10 | 10 10 10 10 | | CA727/2 CA727/3 CA727/4 CA727/10 | 10 10 10 10 | | CA727/2 CA727/3 CA727/4 CA727/10 | 10 10 10 10 | |
| CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 | | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 | | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 | | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 | |
| CA607/S/Q | 100 | | CA607/S/Q | 100 | | CA607/S/Q | 100 | | CA607/S/Q | 100 | |
| MT2 | 100 | | MT2 | 100 | | MT2 | 100 | | MT2 | 100 | |
|  | | |  | | |  | | |  | | |
| LD4 | | | LD1 | | | L1 | | | L2 | | |

* Add required voltage to part number as a suffix
i.e. CDL4U(E)LD5/110 is for 110V.


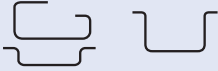
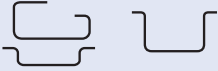

SURGE SUPPRESSOR TERMINAL BLOCKS

In applications where circuit protection against transient overvoltage is required, Altech Surge Suppressor Terminal Blocks with built-in electronic components are recommended.

These terminals are designed to protect a single line against a longitudinal (line / earth) surge, thereby protecting distribution and inputs.



| | | |
|---------------------------|---|---|
| Terminal Width | 12 mm | 18 mm |
| Height x Length | 54 x 55.5 mm | 54 x 55.5 mm |
| Stripping Length | 9 mm | 9 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 4 screw clamps | 4 screw clamps |
| Ratings | | |
| Wire Range | 22-10 AWG | 22-10 AWG |
| Voltage Rating | 75, 90, 240, 600, 1000 V DC | 90, 250, 350, 450 V DC |
| Nominal Discharge Current | 20 KA (8/20 μs) | 10 KA (8/20 μs) |
| Peak Current | - | - |
| Response Time | 100 ns | 100 ns |
| Nominal Current | 10A | 5A |
| Capacitance | <1.5 pf | <1.0 pf |
| Application | For coarse line protection of measuring, distributing or data communication interfaces. | For simultaneous protection of lines against transversal (line/line) and longitudinal (line/earth) surge. |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|--|----------|---|----------|
| Terminal Block | CDL4U(E)LA* | 20 | CDL4U(E)3LA* | 20 |
| End Plate  | EPCDL4U | 50 | EPCDL4U | 50 |
| DIN Rail <i>for ordering information refer to page 62</i> |  | |  | |
| End Stop <i>for ordering information refer to page 63</i> | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| Marking Tags (MT Type)  | MT2 | 100 | MT2 | 100 |



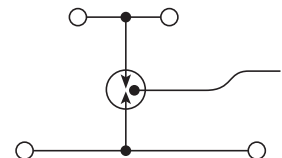
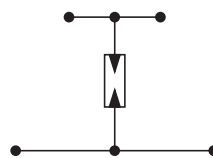
COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

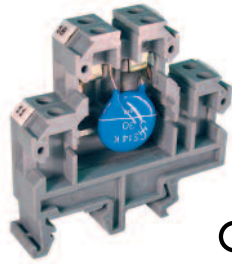
Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|--|
| Red | R  |
| Blue | BU  |
| Black | BL  |
| Orange | O  |
| Green | G  |
| Yellow | Y  |
| White | W  |
| Beige | BG  |
| Dark Brown | DB  |



* Add required voltage to part number as a suffix
i.e. CDL4U(E)LA/75 is for 75V.

CDL4U(E)MOV¹



MOV

12 mm

54 x 55.5 mm

9 mm

Polyamide 6.6

4 screw clamps

22-10 AWG

130 V AC*

–

2kA-6.5kA (8/20 μ s)

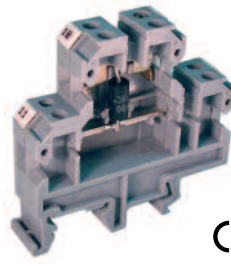
<25ns

10A

100-20,000 pf

For protection from voltage surge, spikes

CDL4U(E)SD



Suppressor Diode

12 mm

54 x 55.5 mm

9 mm

Polyamide 6.6

4 screw clamps

22-10 AWG

12-48V DC / 12-160V AC**

1.5 KA (8/20 μ s)

–

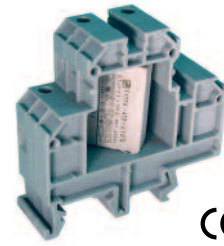
1 ns DC / 5 ns AC

10A

–

For fine protection of data interfaes, sensors, contacts, etc.

CDL4U(E)RC



RC Circuit

18 mm

54 x 55.5 mm

9 mm

Polyamide 6.6

4 screw clamps

22-10 AWG

250 V AC / 330 V DC

20A

–

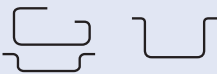
–

10A

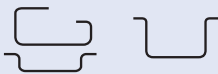
0.1 μ f or 0.22 μ f²

For protection of DC solenoid valves and contactors

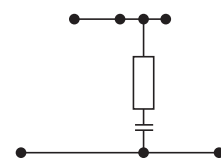
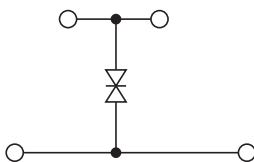
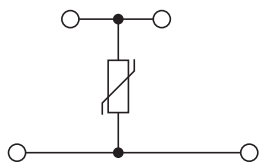
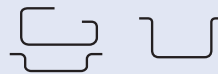
| Cat. No. | Std. Pk. |
|---|----------|
| CDL4U(E)MOV | 20 |
| EPCDL4U | 50 |
|  | |
| CA702 | 50 |
| CA802 | 50 |
| MT2 | 100 |



| Cat. No. | Std. Pk. |
|---|----------|
| CDL4U(E)SD | 20 |
| EPCDL4U | 50 |
|  | |
| CA702 | 50 |
| CA802 | 50 |
| MT2 | 100 |



| Cat. No. | Std. Pk. |
|---|----------|
| CDL4U(E)RC | 10 |
| EPCDL4U | 50 |
|  | |
| CA702 | 50 |
| CA802 | 50 |
| MT2 | 100 |



¹ A fuse block is recommended to protect MOV terminals by disconnecting the faulted varistor. See pages 28-30 for fuse blocks.

* Other voltages available upon request. Call Altech for voltage selection.

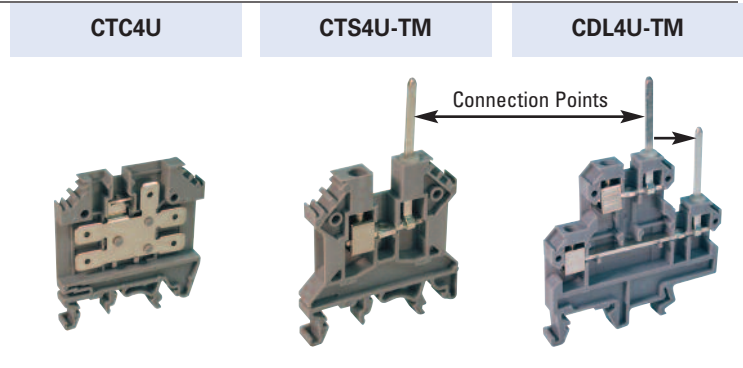
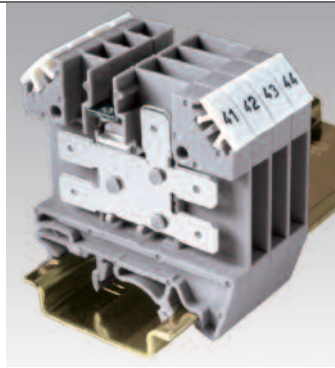
** Phase to Phase / Phase to ground. Call Altech for voltage selection.

TAB, TERMI-POINT® TERMINAL BLOCKS

CTC4U Tab Connection terminals offer quick connection. Connection is achieved by pushing the lug onto the tab blade of the terminal block. The terminal housing is so designed that the wall protrudes beyond the tab blades.

The CTS4U-TM single level and the CDL4U-TM double level terminal blocks have a provision for clip connection according to DIN 41611-4. Three wires (0.5 sq. mm) can be connected with a clip onto the pin using a special tool (*contact Altech for information*). These terminal blocks provide high wiring density without extension of the mounting rail.

CTC4U is used primarily in railway systems. The CTS4U-TM and the CDL4U-TM is used mostly in the telecommunications industry.



| | | | | | | |
|---------------------|--|-----------|---|-----------|---|-----------|
| Terminal Width | 6 mm | | 6 mm | | 6 mm | |
| Height x Length | 49.5 x 47 mm | | 67 x 43 mm | | 84 x 55.5 mm | |
| Stripping Length | 9 mm | | 9 mm | | 9 mm | |
| Insulation Material | Polyamide 6.6 | | Polyamide 6.6 | | Polyamide 6.6 | |
| Type of Connection | 5 tab connection points and 1 tapped hole for cross connection | | 1 screw connection and 1 blade for 3 (0.5 sq. mm) connections | | 2 screw connections and 2 blades for 6 (0.5 sq. mm) connections | |
| Approvals | | | | | | |
| Rated Cross Section | 0.5-4 sq.mm | 22-12 AWG | 0.5-4 sq.mm | 22-12 AWG | 0.5-4 sq.mm | 22-12 AWG |
| Voltage Rating | 250 V | 300 V | 250 V | 300 V | 250 V | 300 V |
| Current Rating | 32 A | 25 A | 10 A | 10 A | 10 A | 10 A |
| Tab Blade Size (mm) | 6.3 x 0.8 | 6.3 x 0.8 | 0.8 x 1.6 | 0.8 x 1.6 | 0.8 x 1.6 | 0.8 x 1.6 |

| | | | Cat No. | Std. Pk. | Cat No. | Std. Pk. | Cat No. | Std. Pk. |
|--|--|---------------------------|------------|----------|--------------|----------|------------|----------|
| Terminal Block | | | CTC4U | 100 | CTS4U-TM | 100 | CDL4U-TM | 100 |
| End Plate | | | EPCTC4U | 50 | EP2.5/4UN | 50 | EPCDL4U | 50 |
| DIN Rail | | | | | | | | |
| <i>for ordering information refer to page 62</i> | | | | | | | | |
| End Stop | | | | | | | | |
| <i>for ordering information refer to page 63</i> | | | | | | | | |
| Internal Jumper | | 2 way | CA727/2 | 100 | CA722/2 | 100 | CA727/2 | 10 |
| | | 3 way | CA727/3 | 50 | CA722/3 | 50 | CA727/3 | 10 |
| | | 4 way | CA727/4 | 50 | CA722/4 | 50 | CA727/4 | 10 |
| | | 10 way | CA727/10 | 10 | CA722/10 | 10 | CA727/10 | 10 |
| | | Insulated Internal Jumper | | 2 way | CA747/2 | 100 | CA742/2 | 100 |
| | | 3 way | CA747/3 | 50 | CA742/3 | 50 | CA747/3 | 50 |
| | | 4 way | CA747/4 | 50 | CA742/4 | 50 | CA747/4 | 50 |
| | | 10 way | CA747/10 | 10 | CA742/10 | 10 | CA747/10 | 10 |
| Current Bars | | 2 way | CA703/1 | 100 | CA703/1 | 100 | CA703/1 | 100 |
| | | 3 way | CA704/1 | 100 | CA704/1 | 100 | CA704/1 | 100 |
| | | 4 way | CA705/1 | 100 | CA705/1 | 100 | CA705/1 | 100 |
| | | 10 way | CA732/10 | 100 | CA732/10 | 100 | CA732/10 | 100 |
| | | 10 pole (breakable) | CA732/10-A | 100 | CA732/10-A | 100 | CA732/10-A | 100 |
| | | 100 pole | CA732/100 | 10 | CA732/100 | 10 | CA732/100 | 10 |
| Shorting Sleeve & Screw | | | CA607/S/Q | 100 | CA707/S/Q/01 | 100 | CA607/S/Q | 100 |
| External Jumper | | 2 pole | | | CA713/2 | 100 | CA714/2 | 100 |
| | | 3 pole | | | CA713/3 | 100 | CA714/3 | 100 |
| | | 4 pole | | | CA713/4 | 50 | CA714/4 | 50 |
| | | 10 pole | | | CA713/10 | 25 | CA714/10 | 25 |
| | | Marking Tags (MT Type) | | | MT6 | 100 | MT6 | 100 |



COLOR BLOCKS
(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

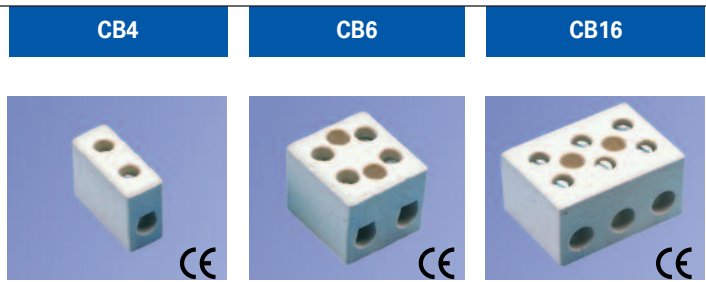
| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

HIGH TEMPERATURE CERAMIC EUROBLOCKS™

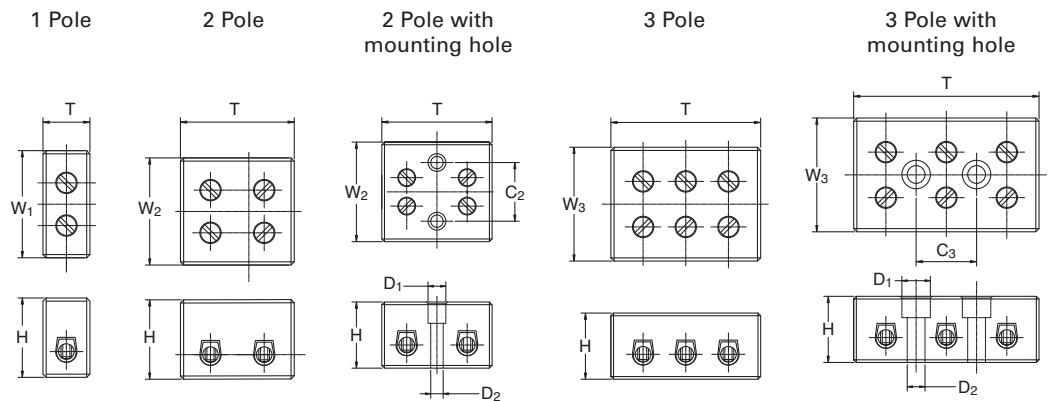
Suitable for use in high temperature applications up to 600°C (1112°F). Applications include hot melt glue guns, furnaces, heaters, process equipment and machinery. Terminal blocks are offered with mounting holes for panel mounting or free floating applications.

- Compact, space saving
- Tubular screw clamp
- Free float or panel mount
- Temperature range: 600°C (1112°F)
- Standard color: white
- Material

Housing: ceramic
Clamp: brass
Screws: zinc plated steel



| Insulation Material | Ceramic | | Ceramic | | Ceramic | |
|-------------------------|-----------|-----------|-----------|-----------|----------|----------|
| Approvals | | | | | | |
| Wire Range | 24-12 AWG | 24-12 AWG | 22-10 AWG | 20-10 AWG | 20-6 AWG | 18-6 AWG |
| Voltage Rating | 300V | 300V | 300V | 300V | 300V | 300V |
| Current Rating | 30 A | 20 A | 40 A | 30 A | 76 A | 65 A |
| No. of Poles | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
| 1 (free floating) | CB4/1 | 50 | CB6/1 | 50 | | |
| 2 (free floating) | CB4/2 | 50 | | | | |
| 2 (with mounting holes) | CB4/2H | 50 | CB6/2H | 50 | CB16/2H | 50 |
| 3 (free floating) | CB4/3 | 50 | | | | |
| 3 (with mounting holes) | CB4/3H | 50 | CB6/3H | 50 | CB16/3H | 50 |



Dimensions mm

| | | W | T | H | C | D1 | D2 | Fixing Screw | Stripping Length |
|---------|--------|------|----|------|------|----|-----|--------------|------------------|
| CB4/1 | 1 POLE | 23 | 11 | 18.5 | * | | | | 6 |
| CB4/2 | 2 POLE | 23 | 18 | 18.5 | * | | | | 6 |
| CB4/2H | 2 POLE | 23 | 24 | 18.5 | 14.6 | 6 | 3.5 | M3X16 | 6 |
| CB4/3 | 3 POLE | 25 | 25 | 18.5 | * | | | | 6 |
| CB4/3H | 3 POLE | 25.4 | 36 | 18.5 | 13 | 6 | 3.5 | M3X16 | 6 |
| CB6/1 | 1 POLE | 25 | 12 | 19.5 | * | | | | 6 |
| CB6/2H | 2 POLE | 25.5 | 26 | 19.5 | 12.6 | 6 | | M3X16 | 6 |
| CB6/3H | 3 POLE | 25.5 | 41 | 19.5 | 15 | 6 | | M3X16 | 6 |
| CB16/2H | 2 POLE | 28 | 31 | 23.2 | 16.5 | 6 | 3.5 | M3X20 | 8.5 |
| CB16/3H | 3 POLE | 27.5 | 48 | 23.2 | 17 | 6 | 3.5 | M3X20 | 8.5 |

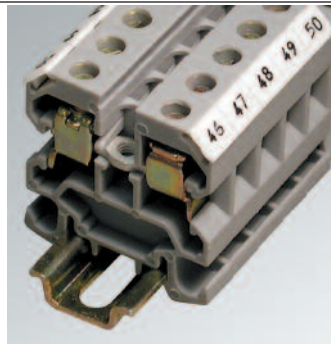
Note: All dimensions are shown in mm, to convert to inches please divide by 25.4.

MINI FEED-THROUGH

15mm DIN Rail

For wire-to-wire connecting in control, automation, instrumentation and power distribution applications.

Altech "miniature" terminal blocks offer tremendous space advantage as demanded by certain wiring configurations.



FUSE BLOCKS

Certain electrical and control systems require protection by fuses. The terminal has a hinged carrier that has a specially designed space for a cartridge type glass fuse of size Ø5 x 20 or Ø5 x 25 mm. The fuse can be engaged or disengaged by the movement of the carrier.

Altech fuse terminals are also available with light indication - CSFL 4U (L). A specially designed built-in circuit gives light indication in the event of fuse blow out.

† Fuses are sold separately
Altech, see page 34
for details.



COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

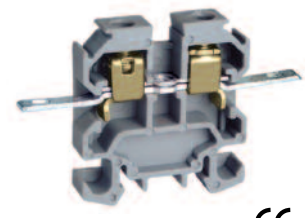
* Add required voltage to part number as a suffix, i.e. CSFL4U(L)/24 fo 24V DC

CMT4



CE


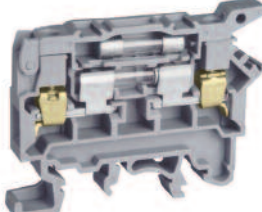
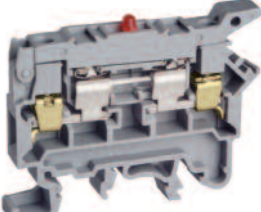






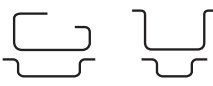
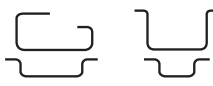









CMT4S



CE

| | | | | | | |
|---------------------|---|-------------|-----------|--|----------------|-----------|
| Terminal Width | 6 mm | | | 6 mm | | |
| Height x Length | 29 x 27 mm | | | 29 x 46 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps & 1 tapped hole for cross connection | | | 2 screw clamps, 2 solder points and 1 tapped hole for cross connection | | |
| Type of Fuse Used | — | | | — | | |
| Approvals | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-12 AWG | Upto 1.5 sq.mm | 22-10 AWG |
| Voltage Rating | 300 V | 400 V | 300 V | 300 V | 160 V | 300 V |
| Current Rating | 35 A | 32 A | 35 A | 25 A | 15 A | 35 A |
| Torque | 6 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |

| | | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|--|--|---------------------------------------|--|---------------------------------------|
| Terminal Block | | CMT4 | 100 | CMT4S | 50 |
| End Plate | | EPCMT4 | 50 | EPCMT4 | 50 |
| Isolation Partition | | PPCMT4 | 50 | PPCMT4 | 50 |
| DIN Rail | | | | | |
| for ordering information refer to page 62 | | | 15 mm | | 15 mm |
| End Stop | | CA602 | 100 | CA602 | 50 |
| for ordering information refer to page 63 | | | | | |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole | CA727/2 CA727/3 CA727/4 CA727/10 | 100 50 50 10 | CA727/2 CA727/3 CA727/4 CA727/10 | 100 50 50 10 |
| Insulated Internal Jumper | 2 pole 3 pole 4 pole 10 pole | CA747/2 CA747/3 CA747/4 CA747/10 | 100 50 50 10 | CA747/2 CA747/3 CA747/4 CA747/10 | 100 50 50 10 |
| Current Bars | 2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 | CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100 | 100 100 100 100 100 10 |
| Shorting Sleeve & Screw | | CA607/S/Q | 100 | CA607/S/Q | 100 |
| External Jumper | 2 pole 3 pole 4 pole 10 pole | CA714/2 CA714/3 CA714/4 CA714/10 | 100 100 50 25 | CA714/2 CA714/3 CA714/4 CA714/10 | 100 100 50 25 |
| Marking Tags (MT Type) (MT Type on Lever) | | MT2 | 100 | MT2 | 100 |

| CMT4SU | | | CSFL4U | | | CSFL4U(L)* | | | CGMT4 | | |
|---|-----------------|--|---|-----------------|--|--|-----------------|--|---|-----------------|--|
|  | | |  | | |  | | |  | | |
| CE | | | † Fuse not included. | | | † Fuse not included. | | | CE | | |
| 6 mm | | | 8 mm | | | 8 mm | | | 6 mm | | |
| 29 x 35.5 mm | | | 43 x 58 mm | | | 43 x 58 mm | | | 28.5 x 27 mm | | |
| 9 mm | | | 9.5 mm | | | 9.5 mm | | | 9 mm | | |
| Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| 2 uneven level solder points & 1 tapped hole for cross connection | | | 2 screw clamps | | | 2 screw clamps | | | 2 screw clamps | | |
| — | | | Ø5x20, Ø5x25mm | | | Ø5x20, Ø5x25mm | | | — | | |
|    | | |    | | |    | | |    | | |
| 22-14 AWG Upto 1.5 sq.mm 22-14 AWG | | | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | | 22-10 AWG 0.5-4 sq.mm 22-10 AWG | | |
| 300 V 160 V 300 V | | | 600 V 600 V 600 V | | | 600 V 600 V 600 V | | | | | |
| 15 A 15 A 20 A | | | 6.3 A 6.3 A 8 A | | | 6.3 A 6.3 A 8 A | | | | | |
| — — — | | | 7 lb-in 0.5 Nm 7 lb-in | | | 7 lb-in 0.5 Nm 7 lb-in | | | 7 lb-in 0.5 Nm 7 lb-in | | |
| Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| CMT4SU | 100 | | CSFL4U | 100 | | CSFL4U(L)* | 100 | | CGMT4 | 50 | |
| EPCMT4 | 50 | | EPCSFL4U | 50 | | EPCSFL4U | 50 | | | | |
| PPCMT4 | 50 | | PPCSFL4U | 50 | | PPCSFL4U | 50 | | | | |
|  15 mm | | |  15 mm | | |  15 mm | | |  15 mm | | |
| CA602 | 50 | | CA602 | 100 | | CA602 | 100 | | | | |
| CA727/2 | 100 | | | | | | | | | | |
| CA727/3 | 50 | | | | | | | | | | |
| CA727/4 | 50 | | | | | | | | | | |
| CA727/10 | 10 | | | | | | | | | | |
| CA747/2 | 100 | | | | | | | | | | |
| CA747/3 | 50 | | | | | | | | | | |
| CA747/4 | 50 | | | | | | | | | | |
| CA747/10 | 10 | | | | | | | | | | |
| CA703/1 | 10 | | | | | | | | | | |
| CA704/1 | 10 | | | | | | | | | | |
| CA705/1 | 10 | | | | | | | | | | |
| CA732/10 | 10 | | | | | | | | | | |
| CA732/10-A | 100 | | | | | | | | | | |
| CA732/100 | 10 | | | | | | | | | | |
| CA607/S/Q | 10 | | | | | | | | | | |
| | | | CA711/2 | 100 | | CA711/2 | 100 | | | | |
| | | | CA711/3 | 100 | | CA711/3 | 100 | | | | |
| | | | CA711/4 | 50 | | CA711/4 | 50 | | | | |
| | | | CA711/10 | 25 | | CA711/10 | 25 | | | | |
| MT2 | 100 | | MT8 | 100 | | MT8 | 100 | | MT2 | 100 | |
| | | | MT2 | 100 | | MT2 | 100 | | | | |

MINI FEED-THROUGH

Panel Mount

For use when space constraints require extremely compact solutions and internal jumping is required.

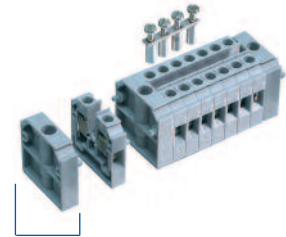
Individual components can be used to build your own assemblies. Just snap the required number of terminal block components together and place a Mounting Section on each end.

The CMB 4 accepts internal jumpers and standard marking tags.

- Extremely compact and cost effective
- High density
- Screw-cage clamp
- Internal jumping provision
- Polyamide 6.6
- Standard color: gray



CMB4

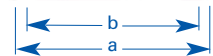


EP CMB4



| | | | |
|---------------------|---|-------------|-----------|
| Terminal Width | 6 mm | | |
| Height x Length | 28 x 27 mm | | |
| Stripping Length | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps & 1 tapped hole for cross connection | | |
| Approvals | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 300 V | 400 V | 300 V |
| Current Rating | 35 A | 32 A | 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in |

Preassembled blocks are also available for quick and easy installations.
See Dimensions below.



Dimensions mm (in.)
CMB4

| | Cat. No. | Std. Pk. |
|------------------|----------|----------|
| Terminal Block | CMB4 | 100 |
| Mounting Section | EPCMB4 | 50 |
| Separator Plate | SPCMB4 | 100 |

| Mounting Screw* | | | |
|-----------------|--|---------|-------------|
| Internal Jumper | | 2 pole | CA727/2 100 |
| | | 3 pole | CA727/3 50 |
| | | 4 pole | CA727/4 50 |
| | | 10 pole | CA727/10 10 |

| | | | |
|---------------------------|--|---------|-------------|
| Insulated Internal Jumper | | 2 pole | CA747/2 100 |
| | | 3 pole | CA747/3 50 |
| | | 4 pole | CA747/4 50 |
| | | 10 pole | CA747/10 10 |

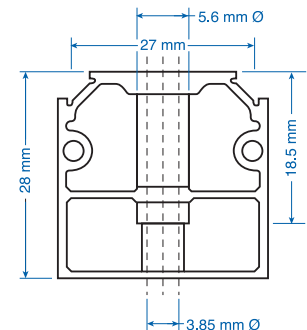
| | | | |
|--------------|--|---------------------|----------------|
| Current Bars | | 2 pole | CA703/1 100 |
| | | 3 pole | CA704/1 100 |
| | | 4 pole | CA705/1 100 |
| | | 10 pole | CA732/10 100 |
| | | 10 pole (breakable) | CA732/10-A 100 |
| | | 100 pole | CA732/100 10 |

| | | |
|-------------------------|--|---------------|
| Shorting Sleeve & Screw | | CA607/S/Q 100 |
|-------------------------|--|---------------|

| | | | |
|-----------------|--|---------|-------------|
| External Jumper | | 2 pole | CA714/2 100 |
| | | 3 pole | CA714/3 100 |
| | | 4 pole | CA714/4 50 |
| | | 10 pole | CA714/10 25 |

| | | |
|------------------------|--|---------|
| Marking Tags (MT Type) | | MT2 100 |
|------------------------|--|---------|

| Cat No. | No. of Poles | Width (a) | Hole Spacing (b) |
|---------|--------------|------------|------------------|
| CMB4/2 | 2 | 26 (1.02) | 19 (0.75) |
| CMB4/3 | 3 | 32 (1.26) | 25 (0.98) |
| CMB4/4 | 4 | 38 (1.50) | 31 (1.22) |
| CMB4/5 | 5 | 44 (1.73) | 37 (1.46) |
| CMB4/6 | 6 | 50 (1.97) | 43 (1.69) |
| CMB4/7 | 7 | 56 (2.20) | 49 (1.93) |
| CMB4/8 | 8 | 62 (2.44) | 55 (2.17) |
| CMB4/9 | 9 | 68 (2.68) | 61 (2.40) |
| CMB4/10 | 10 | 74 (2.91) | 67 (2.64) |
| CMB4/11 | 11 | 80 (3.15) | 73 (2.87) |
| CMB4/12 | 12 | 86 (3.39) | 79 (3.11) |
| CMB4/13 | 13 | 92 (3.62) | 85 (3.35) |
| CMB4/14 | 14 | 98 (3.86) | 91 (3.58) |
| CMB4/15 | 15 | 104 (4.09) | 97 (3.82) |
| CMB4/16 | 16 | 110 (4.33) | 103 (4.06) |
| CMB4/17 | 17 | 116 (4.57) | 109 (4.29) |
| CMB4/18 | 18 | 122 (4.80) | 115 (4.53) |
| CMB4/19 | 19 | 128 (5.04) | 121 (4.76) |
| CMB4/20 | 20 | 134 (5.28) | 127 (5.00) |
| CMB4/21 | 21 | 140 (5.51) | 133 (5.24) |
| CMB4/22 | 22 | 146 (5.75) | 139 (5.47) |
| CMB4/23 | 23 | 152 (5.98) | 145 (5.71) |
| CMB4/24 | 24 | 158 (6.22) | 151 (5.94) |



Mounting Section
EPCMB4



COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

* Any length M3 screw may be used.

BUSBAR SYSTEM

Panel Mount

A quick reliable solution for ground, neutral or low voltage distribution applications. The Busbar System consists of a busbar, busbar supports, and screw clamp terminals for terminating wires

NEB 10 (10 x 3 mm) and NEB 6 (6 x 6 mm), tin plated copper busbars are available in one meter lengths. Both have a 140A current carrying capacity.

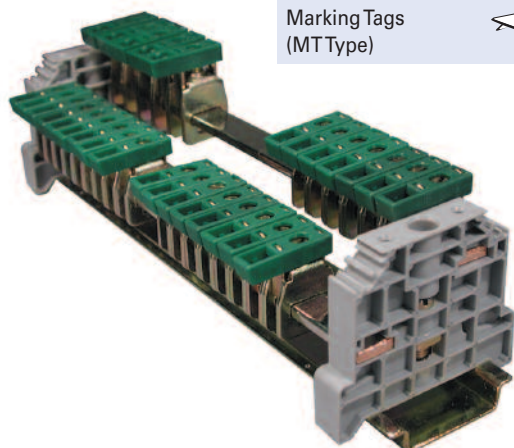
NES plastic support with fixing screws for holding 10 x 3 & 6 x 6 busbar makes placing of busbar an easy task. Busbars up to 200 mm length should be supported at ends by two busbar supports. For busbars exceeding 200 mm length, it is recommended to provide intermediate busbar support. Easy to operate CENC clamp secures wire to the busbar.



| | CENC4 | CENC16 | CENC35 |
|--|-------|--------|--------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | | | |
|---------------------|--------------------------|-------------|--------------------------|----------|--------------------------|--------------------------|
| Terminal Width | 7.5 mm | | 9.8 mm | | 14.5 mm | |
| Height x Length | 30 x 23.3 mm | | 36 x 23.3 mm | | 45 x 27.3 mm | |
| Stripping Length | 12 mm | | 16 mm | | 16 mm | |
| Insulation Material | Polyamide 6.6 | | Polyamide 6.6 | | Polyamide 6.6 | |
| Type of Connection | 1 screw clamp connection | | 1 screw clamp connection | | 1 screw clamp connection | |
| Approvals | | | | | | |
| Wire Range | 22-12 AWG | 0.5-6 sq.mm | 22-12 AWG | 9-6 AWG | 6-16 sq.mm | 10-6 AWG |
| Current Rating* | 25 A | 41 A | 14 lb-in | 76 A | 76 A | 125 A 125 A |
| Torque | 14 lb-in | 0.8 Nm | 14 lb-in | 14 lb-in | 2.0 Nm | 17.5 lb-in |
| | | | | | | 25 lb-in 2.5 Nm 25 lb-in |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|----------|----------|----------|----------|----------|----------|
| Terminal Block Green Cap ** | CENC4 | 50 | CENC16 | 50 | CENC35 | 50 |
| Busbar (10 x 3 mm) | NEB10 | 1 m | NEB10 | 1 m | NEB10 | 1 m |
| Busbar (6 x 6 mm) | NEB6 | 1 m | NEB6 | 1 m | NEB6 | 1 m |
| Plastic Support with Fixing Screw | NES | 50 | NES | 50 | NES | 50 |
| End Clamp/Bus bar support for rail mounting | CA202 | 50 | CA202 | 50 | CA202 | 50 |
| Marking Tags (MT Type) | MT5 | 100 | MT6 | 100 | MT6 | 100 |

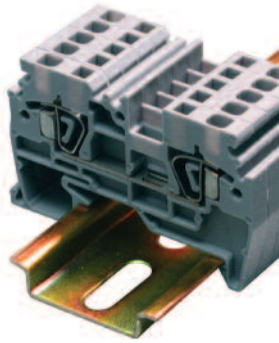


* 140A current carrying capacity of busbar should be taken into account while connecting loads.

** Consult for other available colors.

FEED-THROUGH Spring Clamp Terminals

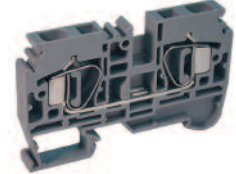
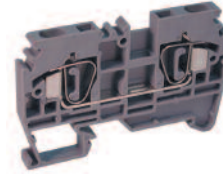
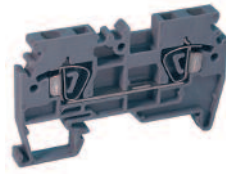
These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35 mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



CSC2.5T

CSC4T

CSC6T



| | | | | | | | | | |
|---------------------|---|---------------|-----------|---|-------------|-----------|---|------------|---------|
| Terminal Width | 5 mm | | | 6 mm | | | 8 mm | | |
| Height x Length | 36 x 58 mm | | | 42 x 65 mm | | | 45 x 72 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | | 12 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 spring clamps & 2 slots for interconnection | | | 2 spring clamps & 2 slots for interconnection | | | 2 spring clamps & 2 slots for interconnection | | |
| Approvals | | | | | | | | | |
| Wire Range | 22-14 AWG | 0.5-2.5 sq.mm | 22-14 AWG | 22-12AWG | 0.5-4 sq.mm | 22-12 AWG | 22-8AWG | 0.5-8sq.mm | 22-8AWG |
| Voltage Rating | 600 V | 750 V | 600 V | 600 V | 750 V | 600 V | 600 V | 750 V | 600 V |
| Current Rating | 20 A | 24 A | 20 A | 25 A | 32 A | 25 A | 50 A | 41 A | 50 A |

MULTI-CONNECTION Spring Clamp Terminals

Altech Multiple connection Spring Clamp terminals offer a reliable solution for problems posed by multiple voltage connections. The terminal eliminates conventional method of cross connection / looping, saving additional space.

The terminals provide of further multiplication connections through bridging. The Multiple Connection Terminal Blocks can even be bridged to Standard Feed Through Spring Clamp Terminal Block of respective wire size (CSC2.5T / CSC4T / CSC6T).

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|-----------|----------|-----------|----------|-----------|----------|
| Terminal Block | CSC2.5T | 100 | CSC4T | 100 | CSC6T | 50 |
| End Plate | EPCSC2.5T | 50 | EPCSC4T | 50 | EPCSC6T | 50 |
| Partition Plate | PPCSC2.5T | 50 | PPCSC4T | 50 | PPCSC6T | 50 |
| DIN Rail <i>for ordering information refer to page 62</i> | | | | | | |
| End Stop <i>for ordering information refer to page 63</i> | CA702 | 50 | CA702 | 50 | CA702 | 50 |
| | CA802 | 50 | CA802 | 50 | CA802 | 50 |
| Jumpers Adjacent | CA801/1 | 100 | CA801/2 | 100 | CA801/3 | 100 |
| Alternate | CA801/1-3 | 100 | CA801/2-3 | 100 | CA801/3-3 | 100 |
| Push in type wire jumper | CA901/1 | 100 | CA901/2 | 100 | CA901/3 | 100 |
| Marking Tags (MT Type) | MT5 | 100 | MT6 | 100 | MT8 | 100 |


COLOR BLOCKS
(other than grey standard)


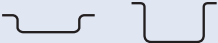
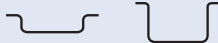

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R












| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |


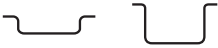








| CSC10T | CSC2.5T1-2 | CSC2.5T2-2 | CSC4T1-2 |
|--|--|--|--|
|  |  |  |  |
| CE | CE | CE | CE |
| 10 mm | 5 mm | 5 mm | 6 mm |
| 50 x 75 mm | 36 x 74 mm | 36 x 90 mm | 42 x 85 mm |
| 12 mm | 9 mm | 9 mm | 9 mm |
| Polyamide 6.6 | Polyamide 6.6 | Polyamide 6.6 | Polyamide 6.6 |
| 2 spring clamps & 2 slots for interconnection | 3 spring clamps & 2 slots for interconnection | 4 spring clamps & 2 slots for interconnection | 3 spring clamps & 2 slots for interconnection |
|  * C US |  * C US |  * C US |  * C US |
|  |  |  |  |
|  * E220514 |  * E220514 |  * E220514 |  * E220514 |
| 16-6 AWG 1.5-10 sq.mm. 16-6AWG | 22-14 AWG 0.5-2.5 sq.mm. 22-14 AWG | 22-14 AWG 0.5-2.5 sq.mm. 22-14 AWG | 22-12 AWG 0.5-4 sq.mm. 22-12 AWG |
| 600V 800V 600V | 600V 750V 600V | 600V 750V 600V | 600V 750V 600V |
| 65 A 57 A 65 A | 20A 24 A 20 A | 20A 24 A 20 A | 25A 32 A 25 A |

| Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|----------|---|------------|--|------------|---|------------|
| CSC10T | 100 | CSC2.5T1-2 | 100 | CSC2.5T2-2 | 50 | CSC4T1-2 | 50 |
| EPCSC10T | 50 | EPCSC2.5T1-2 | 50 | EPCSC2.5T2-2 | 50 | EPCSC4T1-2 | 50 |
|  | |  | |  | |  | |
| CA702 | 50 | CA702 | 50 | CA702 | 50 | CA702 | 50 |
| CA802 | 50 | CA802 | 50 | CA802 | 50 | CA802 | 50 |
| CA801/4 | 100 | CA801/1 CA801/1-3 | 100 100 | CA801/1 CA801/1-3 | 100 100 | CA801/2 CA801/2-3 | 100 100 |
| | | CA901/1 | 100 | CA901/1 | 100 | CA901/2 | 100 |
| MT10 | 100 | MT5 | 100 | MT5 | 100 | MT6 | 100 |

*UL & CSA pending.

| | CSC4T2-2 | CSC6T1-2 | ADL2.5 |
|---------------------|---|---|---|
| |  |  |  |
| | CE | CE | CE |
| Terminal Width | 6 mm | 8 mm | 5 mm |
| Height x Length | 42 x 105 mm | 45 x 94 mm | 50 x 79.5 mm |
| Stripping Length | 9 mm | 12 mm | 9 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 4 spring clamps & 2 slots for interconnection | 3 spring clamps & 2 slots for interconnection | 4 spring clamps & 4 slots for interconnection |
| Approvals |    |  *   * |  *  * |
| Wire Range | 22-12 AWG 0.5-4 sq.mm. 22-12 AWG | 22-8 AWG 0.5-6 sq.mm. 22-8 AWG | 22-14 AWG 2.5 sq.mm. 22-14 AWG |
| Voltage Rating | 600 V 750 V 600 V | 600 V 800 V 600 V | 600 V 500 V 600 V |
| Current Rating | 25 A 32 A 25 A | 50 A 41 A 50 A | 20 A 24 A 20 A |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|---|------------|--|------------|---|------------|
| Terminal Block | CSC4T2-2 | 50 | CSC6T1-2 | 50 | ADL2.5 | 50 |
| End Plate  | EPCSC4T2-2 | 50 | EPCSC6T1-2 | 50 | EPADL2.5 | 50 |
| DIN Rail <i>for ordering information refer to page 62</i> |  | |  | |  | |
| End Stop <i>for ordering information refer to page 63</i>  | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| Jumpers Adjacent Alternate  | CA801/2 CA801/2-3 | 100 100 | CA801/3 CA801/3-3 | 100 100 | CA801/1 CA801/1-3 | 100 100 |
| Push in type wire jumper  | CA901/2 | 100 | CA901/3 | 100 | CA901/1 | 100 |
| Marking Tags (MT Type)  | MT6 | 100 | MT8 | 100 | MT5 | 100 |

*UL & CSA pending.

Spring Clamp Fuse Terminal Blocks

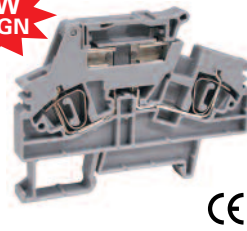
Altech offers 'Screwless' Spring Clamp Fuse Terminal Blocks.

The terminal has a moving type hinged carrier that has specially designed space for cartridge type glass fuse of size Ø 5 x 20 or Ø 5 x 25 mm. The fuse can be engaged or disengaged by the movement of the carrier.

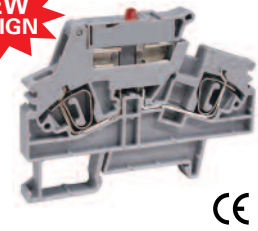
Cross connection is possible with specially designed push-in type jumpers.

ASF4

ASF4(L)*



CE



CE

| | | | | | | |
|---------------------|---|-------------|-----------|---|-------------|-----------|
| Terminal Width | 8 mm | | | 8 mm | | |
| Height x Length | 60 x 80 mm | | | 60 x 80 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 spring clamps & 2 slots for interconnection | | | 2 spring clamps & 2 slots for interconnection | | |
| Type of fuse used | Ø5x20, Ø5x25mm | | | Ø5x20, Ø5x25mm | | |
| Fusion Voltage | | | | 24V AC/DC, 48V AC/DC 110V AC/DC, 220V AC | | |
| Approvals | | | | | | |
| Wire Range | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 500 V | 600 V | 600 V | 500 V | 600 V |
| Current Rating | 8 A | 6.3 A | 8 A | 8 A | 6.3 A | 8 A |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|----------|----------|----------|----------|
| Terminal Block | ASF4 | 100 | ASF4(L)* | 100 |
| End Plate | EPASF4 | 50 | EPASF4 | 50 |
| DIN Rail <i>for ordering information refer to page 62</i> | | | | |
| End Stop <i>for ordering information refer to page 63</i> | CA702 | 50 | CA702 | 50 |
| | CA802 | 50 | CA802 | 50 |
| Insulated Jumper (2 pole) | CA801/7 | 100 | CA801/7 | 100 |
| Marking Tags (MTType) | MT8 | 100 | MT8 | 100 |



COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

¹ UL & CSA pending.

* Add required voltage to part number as a suffix. i.e. ASF4(L)/24 for 24V AC/DC.

Spring Clamp Ground (Earth) Terminal Blocks





Altech offers 'Screwless' Spring Clamp Ground Terminal Blocks. Specially designed alloy feet helps in achieving very low contact resistance and vibration proof grounding.

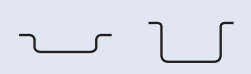
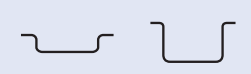

CSCG series terminals can be mounted on Din 35 rail along with other terminal blocks of CSC series. The terminal block profile matches with that of CSC terminal block of same wire size.

Special features of CSCG terminal blocks are:


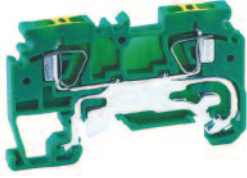


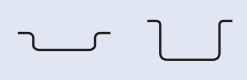
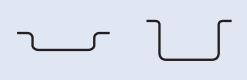

- Vibration proof grounding
- Very low contact resistance because of special alloy feet
- Drop-on grounding connection
- Spring clamp to accept solid and stranded wire



| | CSCG2.5T | CSCG4T |
|---------------------|--|---|
| |  |  |
| | CE | CE |
| Terminal Width | 5 mm | 6 mm |
| Height x Length | 36 x 58 mm | 42 x 65 mm |
| Stripping Length | 9 mm | 9 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 2 spring clamp connection, grounding through alloy feet | 2 spring clamp connection, grounding through alloy feet |
| Approvals |  |  |
| Wire Range | 22-14 AWG 0.5-2.5 sq.mm 22-14 AWG | 22-12 AWG 0.5-4 sq.mm 22-12 AWG |
| Voltage Rating | 800 V | 800 V |
| Current Rating | 24 A | 32 A |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|---|--|----------|---|----------|
| Terminal Block | CSCG2.5T | 100 | CSCG4T | 100 |
| DIN Rail <i>for ordering information refer to page 62</i> |  | |  | |
| Marking Tags (MT Type)  | MT5 | 100 | MT6 | 100 |

*UL & CSA pending.

| | CSCG6T | CSCG10T |
|--|---|--|
| |  |  |
| | CE | CE |
| Terminal Width | 8 mm | 10 mm |
| Height x Length | 45 x 72 mm | 50 x 75 mm |
| Stripping Length | 12 mm | 12 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 2 spring clamp connection, grounding through alloy feet | 2 spring clamp connection, grounding through alloy feet |
| Approvals |  |  |
| Wire Range | 22-8 AWG 0.5-6 sq.mm 22-8 AWG | 16-6 AWG 0.5-10 sq.mm 16-6 AWG |
| Voltage Rating | 800 V | 800 V |
| Current Rating | 41 A | 57 A |
| | Cat. No. Std. Pk. | Cat. No. Std. Pk. |
| Terminal Block | CSCG6T 50 | CSCG10T 50 |
| DIN Rail <i>for ordering information refer to page 62</i> |  |  |
| Marking Tags (MTType)  | MT8 100 | MT10 100 |

*UL & CSA pending.

Panel Mount Spring Clamp Terminals

Altech "screwless" spring clamp panel mount terminal blocks are an excellent solution for extremely compact wiring applications. These terminal blocks are "add-on" type and can be combined to form multi-pole assemblies. The stacked assembly is fitted with mounting end sections on both ends for easy installation on to the panel.

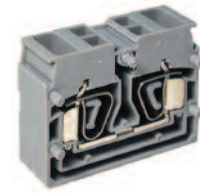
The terminal has marker holding recesses on three sides to accept marking tags. Cross connection can be achieved with the aid of insulated jumpers.

The CSCP2.5T2 panel mount terminal blocks have two connection points on each side all with the same potential. The terminals provide possibility of further multiplication through jumpering.



CSCP2.5T

CSCP2.5T2



| | | | | | | |
|---------------------|----------------------------|---------------|-----------|-----------------------------------|---------------|-----------|
| Terminal Width | 5 mm | | | 10 mm | | |
| Height x Length | 27 x 35 mm | | | 27 x 35 mm | | |
| Stripping Length | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 spring clamp connections | | | 4 common spring clamp connections | | |
| Approvals | | | | | | |
| Wire Range | 22-14 AWG | 0.5-2.5 sq.mm | 22-14 AWG | 22-14 AWG | 0.5-2.5 sq.mm | 22-14 AWG |
| Voltage Rating | 600 V | 750 V | 600 V | 600 V | 750 V | 600 V |
| Current Rating | 20 A | 24 A | 20 A | 20 A | 24 A | 20 A |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|-------------------------------------|------------|----------|------------|----------|
| Terminal Block | CSCP2.5T | 100 | CSCP2.5T2 | 100 |
| End Section (set of left and right) | EPCSCP2.5T | 50 | EPCSCP2.5T | 50 |
| Insulated Jumper (2 pole) | CA803/1 | 100 | CA803/1 | 100 |
| Operating Tool | SCA2-5 | 1 | SCA2-5 | 1 |
| Marking Tags (MT Type) | MT4 | 100 | MT3 | 100 |



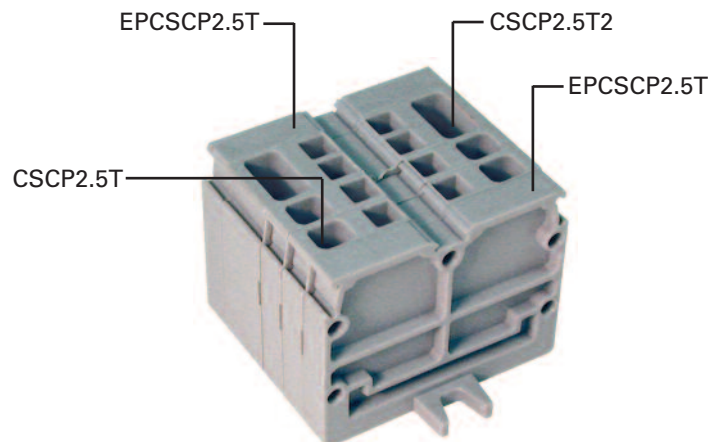
COLOR BLOCKS

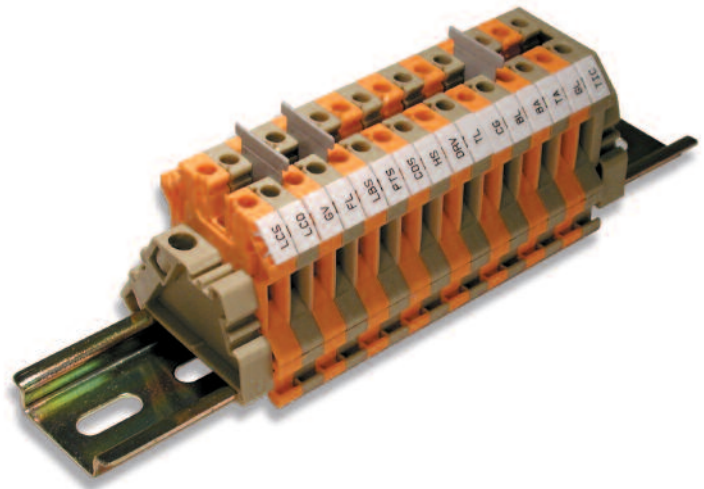
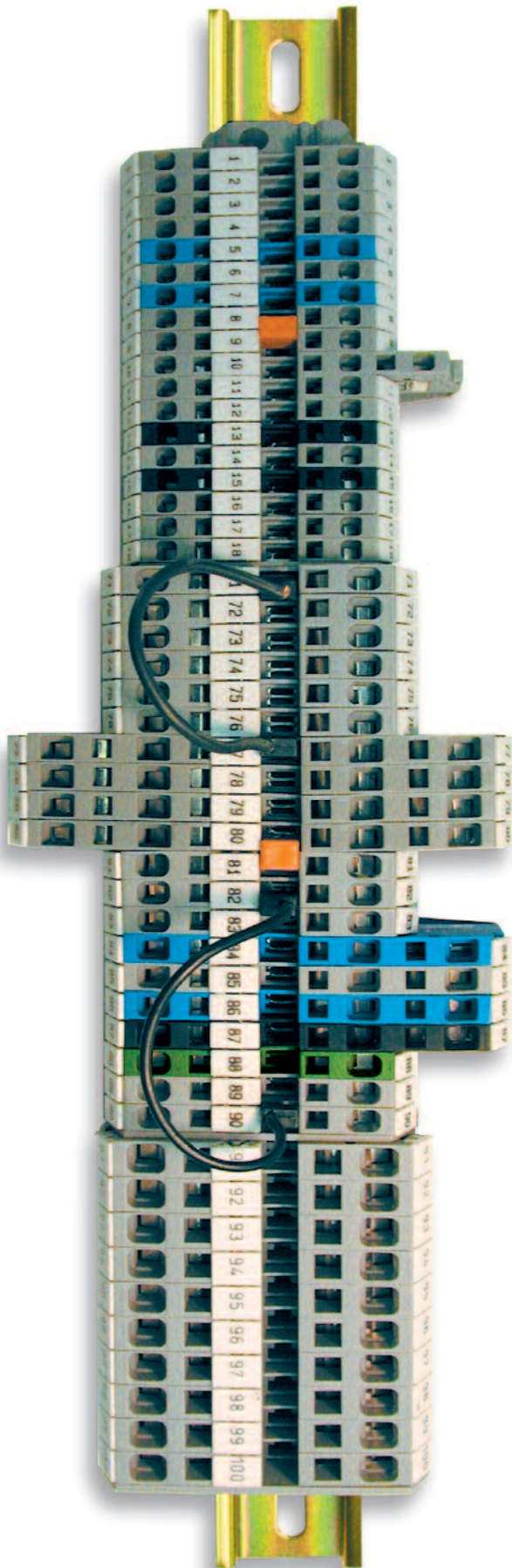
(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |





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