

Feed-Through

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.

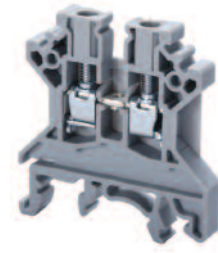
The terminals with AEx eII Ex eII can be used in a potentially explosive atmosphere which may occur in chemical and petrochemical industry. These terminals can be used in Class 1, Zone 0, 1 & 2 hazardous locations. These terminal blocks comply to En 500019.



CTS2.5U-N



CTS4U-N



| | | | | | | |
|---------------------|---|---------------|-----------|---|-------------|-----------|
| Terminal Width | 5 mm | | | 6 mm | | |
| Height x Length | 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 | 2 screw clamps & 1 tapped hole for cross connect. | | | 2 screw clamps & 1 tapped hole for cross connect. | | |
| Approvals | | | | | | |
| Wire Range | 22-12 AWG | 0.5-2.5 sq.mm | 22-14 AWG | 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| Voltage Rating | 600 V | 800 V | 600 V | 600 V | 800 V | 600 V |
| Current Rating | 25 A | 24 A | 20 A | 35/40 A* | 32 A | 35/40A* |
| Torque | 7 lb-in | 0.4 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |

| | | | | | | | | | | |
|-----------------|--|--|--|--|-------------------|--|--|--|--|-------------------|
| Other Approvals | | | | | AEx eII Ex eII | | | | | AEx eII Ex eII |
|-----------------|--|--|--|--|-------------------|--|--|--|--|-------------------|

| Terminal Block | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | |
|--|---------------------|-----------|--------------|------------|-----|
| End Plate | CTS2.5U-N | 50 | CTS4U-N | 50 | |
| Isolation Partition | EP2.5/4UN | 50 | EP2.5/4UN | 50 | |
| Separator Plate | PP2.5/4UN | 50 | PP2.5/4UN | 50 | |
| DIN Rail for ordering information refer to page 70 | | | | | |
| End Stop for ordering information refer to page 72 | CA702 | 50 | CA702 | 50 | |
| | CA802 | 50 | CA802 | 50 | |
| Internal Jumper | 2 pole | CA721/2 | 100 | CA722/2 | 100 |
| | 3 pole | CA721/3 | 50 | CA722/3 | 50 |
| | 4 pole | CA721/4 | 50 | CA722/4 | 50 |
| | 10 pole | CA721/10 | 10 | CA722/10 | 10 |
| | 100 pole | CA721/100 | 10 | CA722/100 | 10 |
| Insulated Internal Jumper | 2 pole | CA741/2 | 100 | CA742/2 | 100 |
| | 3 pole | CA741/3 | 50 | CA742/3 | 50 |
| | 4 pole | CA741/4 | 50 | CA742/4 | 50 |
| | 10 pole | CA741/10 | 10 | CA742/10 | 10 |
| | 100 pole | CA741/100 | 10 | CA742/100 | 10 |
| Current Bars | 2 pole | CA703/01 | 100 | CA703/1 | 100 |
| | 3 pole | CA704/01 | 100 | CA704/1 | 100 |
| | 4 pole | CA705/01 | 100 | CA705/1 | 100 |
| | 10 pole | CA731/10 | 100 | CA732/10 | 100 |
| | 10 pole (breakable) | — | — | CA732/10-A | 100 |
| | 100 pole | CA731/100 | 10 | CA732/100 | 10 |
| Shorting Sleeve & Screw | CA 707/S/Q/01 | 100 | CA707/S/Q/01 | 100 | |
| External Jumper | 2 pole | CA717/2 | 100 | CA713/2 | 100 |
| | 3 pole | CA717/3 | 100 | CA713/3 | 100 |
| | 4 pole | CA717/4 | 100 | CA713/4 | 50 |
| | 10 pole | CA717/10 | 25 | CA713/10 | 25 |
| Marking Tags | MT5 | 100 | MT6 | 100 | |
| | MT6F | 10 | MT6F | 10 | |

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 |

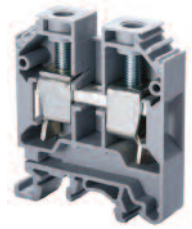
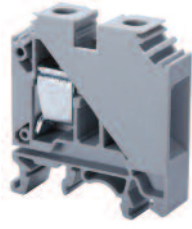
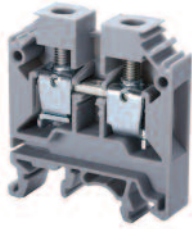
* 35A with one No. 10 AWG and 40A with two No. 12 AWG wires.

CTS6U

CTS10U

CTS16U

CTS25U



8 mm

47 x 43 mm

12 mm

Polyamide 6.6

2 screw clamps & 1 tapped hole for cross connect.

| | | |
|----------|-------------|----------|
| | | |
| 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG |
| 600 V | 750 V | 600 V |
| 50 A | 41 A | 50 A |
| 9 lb-in | 0.8 Nm | 14 lb-in |



| Cat. No. | Std. Pk. |
|--------------|----------|
| CTS6U | 50 |
| EP6/10U | 50 |
| PP6/10U | 50 |
| SP6/10U | 100 |



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

| | |
|----------|-----|
| CA723/2 | 100 |
| CA723/3 | 50 |
| CA723/4 | 50 |
| CA723/10 | 10 |

| | |
|----------|-----|
| CA743/2 | 100 |
| CA743/3 | 50 |
| CA743/4 | 50 |
| CA743/10 | 10 |

| | |
|----------|-----|
| CA703/2 | 100 |
| CA704/2 | 100 |
| CA705/2 | 100 |
| CA733/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/1 | 100 |
|-------------|-----|

| | |
|----------|-----|
| CA710/2 | 100 |
| CA710/3 | 100 |
| CA710/4 | 100 |
| CA710/10 | 25 |

| | |
|------|-----|
| MT8 | 100 |
| MT6F | 10 |

10 mm

47 x 43 mm

12 mm

Polyamide 6.6

2 screw clamps & 1 tapped hole for cross connect.

| | | |
|----------|--------------|----------|
| | | |
| 22-6 AWG | 1.5-10 sq.mm | 16-6 AWG |
| 600 V | 750 V | 600 V |
| 65 A | 57 A | 65 A |
| 14 lb-in | 1.2 Nm | 14 lb-in |



| Cat. No. | Std. Pk. |
|---------------|----------|
| CTS10U | 50 |
| EP6/10U | 50 |
| PP6/10U | 50 |
| SP6/10U | 100 |



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

| | |
|----------|-----|
| CA724/2 | 100 |
| CA724/3 | 50 |
| CA724/4 | 50 |
| CA724/10 | 10 |

| | |
|----------|-----|
| CA744/2 | 100 |
| CA744/3 | 50 |
| CA744/4 | 50 |
| CA744/10 | 10 |

| | |
|----------|-----|
| CA703/3 | 100 |
| CA704/3 | 100 |
| CA705/3 | 100 |
| CA734/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/1 | 100 |
|-------------|-----|

| | |
|----------|-----|
| CA718/2 | 100 |
| CA718/3 | 50 |
| CA718/4 | 50 |
| CA718/10 | 25 |

| | |
|------|-----|
| MT10 | 100 |
| MT6F | 10 |

12 mm

47 x 43 mm

16 mm

Polyamide 6.6

2 screw clamps & 1 tapped hole for cross connect.

| | | |
|----------|--------------|----------|
| | | |
| 22-6 AWG | 2.5-16 sq.mm | 20-4 AWG |
| 600 V | 800 V | 600 V |
| 70 A | 76 A | 85 A |
| 14 lb-in | 1.2 Nm | 14 lb-in |



| Cat. No. | Std. Pk. |
|---------------|----------|
| CTS16U | 50 |
| EP6/10U | |
| PP6/10U | |
| SP6/10U | 100 |



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

| | |
|----------|----|
| CA751/2 | 50 |
| CA751/3 | 50 |
| CA751/4 | 50 |
| CA751/10 | 10 |

| | |
|----------|----|
| CA761/2 | 50 |
| CA761/3 | 50 |
| CA761/4 | 50 |
| CA761/10 | 10 |

| | |
|----------|-----|
| CA703/8 | 100 |
| CA704/8 | 100 |
| CA705/8 | 100 |
| CA739/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/5 | 100 |
|-------------|-----|

| | |
|-------|-----|
| CA712 | 100 |
| MT6F | 10 |

| | |
|------|-----|
| MT12 | 100 |
| MT6F | 10 |

12 mm

56 x 49 mm

18 mm

Polyamide 6.6

2 screw clamps & 1 tapped hole for cross connect.

| | | |
|----------|------------|----------|
| | | |
| 12-2 AWG | 6-25 sq.mm | 14-2 AWG |
| 600 V | 800 V | 600 V |
| 115 A | 101 A | 115 A |
| 25 lb-in | 2.0 Nm | 25 lb-in |



| Cat. No. | Std. Pk. |
|---------------|----------|
| CTS25U | 50 |
| EP25U | |
| PP25UN | 50 |



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

| | |
|----------|----|
| CA725/2 | 50 |
| CA725/3 | 25 |
| CA725/4 | 25 |
| CA725/10 | 10 |

| | |
|----------|----|
| CA745/2 | 50 |
| CA745/3 | 25 |
| CA745/4 | 25 |
| CA745/10 | 10 |

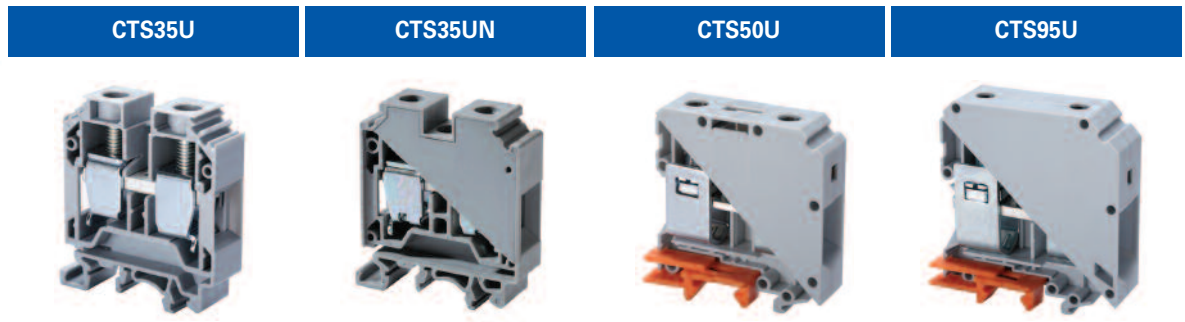
| | |
|----------|-----|
| CA703/4 | 100 |
| CA704/4 | 100 |
| CA705/4 | 100 |
| CA735/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/2 | 100 |
|-------------|-----|

| | |
|-------|-----|
| CA712 | 100 |
| MT6F | 10 |

| | |
|------|-----|
| MT12 | 100 |
| MT6F | 10 |

Feed-Through



| | | | | | | | | | | | | |
|---------------------|--|-------------|----------|--|------------|----------|---------------------------|-------------|-----------|---------------------------|-------------|-----------|
| Terminal Width | 15 mm | | | 16 mm | | | 20.5 mm | | | 25 mm | | |
| Height x Length | 58 x 52.5 mm | | | 58 x 52.5 mm | | | 75.5 x 71 mm | | | 90 x 83 mm | | |
| Stripping Length | 18 mm | | | 18 mm | | | 22 mm | | | 24 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps & 1 tapped hole for cross | | | 2 screw clamps & 1 tapped hole for cross | | | 2 screw clamp connections | | | 2 screw clamp connections | | |
| Approvals | | | | | | | | | | | | |
| Wire Range | 8-2 AWG | 10-35 sq.mm | 8-2 AWG | 2-12 AWG | 4-35 sq.mm | 2-12 AWG | 6-2/0 AWG | 16-50 sq.mm | 6-2/0 AWG | 2-4/0 AWG | 25-95 sq.mm | 2-4/0 AWG |
| Voltage Rating | 600 V | 750 V | 600 V | 600 V | 750 V | 600 V | 600V | 1000 V | 600 V | 600V | 1000 V | 600 V |
| Current Rating | 145 A | 125 A | 145 A | 130 A | 125 A | 130 A | 150 A | 150 A | 150 A | 230 A | 232 A | 230 A |
| Torque | 25 lb-in | 2.5 Nm | 25 lb-in | 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 |

| | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Other Approvals | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|

| | | | | | | | | |
|-----------------------|---------------|----|----------------|----|---------------|----|---------------|----|
| Terminal Block | CTS35U | 50 | CTS35UN | 50 | CTS50U | 10 | CTS95U | 10 |
|-----------------------|---------------|----|----------------|----|---------------|----|---------------|----|

| | | | | | | | | |
|----------------------------|-------|----|--------|----|--|--|--|--|
| Isolation Partition | PP35U | 50 | PP35UN | 50 | | | | |
|----------------------------|-------|----|--------|----|--|--|--|--|

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| DIN Rail for ordering information refer to page 70 | | | | | | | | |
|--|--|--|--|--|--|--|--|--|

| | | | | | | | | |
|--|-------|----|-------|----|-------|----|-------|----|
| End Stop for ordering info. refer to page 72 | CA702 | 50 | CA702 | 50 | CA202 | 50 | CA202 | 50 |
| | CA802 | 50 | CA802 | 50 | CA102 | 50 | CA102 | 50 |

| | | | | | | | | |
|------------------------|----------|----------|----|----------|----|--|--|--|
| Internal Jumper | 2 pole | CA726/2 | 50 | CA771/2 | 50 | | | |
| | 3 pole | CA726/3 | 25 | CA771/3 | 25 | | | |
| | 4 pole | CA726/4 | 25 | CA771/4 | 25 | | | |
| | 10 pole | CA726/10 | 10 | CA771/10 | 10 | | | |
| | 100 pole | | | | | | | |

| | | | | | | | | |
|----------------------------------|----------|----------|----|----------|----|--|--|--|
| Insulated Internal Jumper | 2 pole | CA746/2 | 50 | CA781/2 | 50 | | | |
| | 3 pole | CA746/3 | 25 | CA781/3 | 25 | | | |
| | 4 pole | CA746/4 | 25 | CA781/4 | 25 | | | |
| | 10 pole | CA746/10 | 10 | CA781/10 | 10 | | | |
| | 100 pole | | | | | | | |

| | | | | | | | | |
|---------------------|---------------------|----------|-----|----------|-----|--|--|--|
| Current Bars | 2 pole | CA703/5 | 100 | CA703/10 | 100 | | | |
| | 3 pole | CA704/5 | 100 | CA704/10 | 100 | | | |
| | 4 pole | CA705/5 | 100 | CA705/10 | 100 | | | |
| | 10 pole | CA736/10 | 100 | CA770/10 | 100 | | | |
| | 10 pole (breakable) | | | | | | | |
| | 100 pole | | | | | | | |

| | | | | | | | | |
|------------------------------------|-------------|-----|-------------|-----|--|--|--|--|
| Shorting Sleeve & Screw | CA707/S/Q/2 | 100 | CA707/S/Q/2 | 100 | | | | |
|------------------------------------|-------------|-----|-------------|-----|--|--|--|--|

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

| | | | | | | | | |
|---------------------|------|-----|------|-----|------|-----|------|-----|
| Marking Tags | MT15 | 100 | MT16 | 100 | MT20 | 100 | MT25 | 100 |
| | MT6F | 10 | MT6F | 10 | MT6F | 10 | MT6F | 10 |

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.

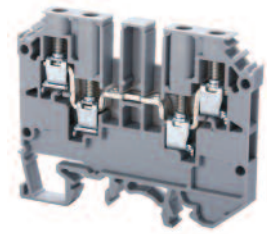
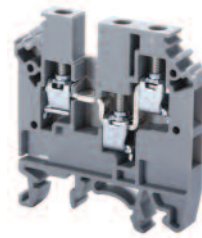
Type CMC1-2 features a single screw-cage clamp for 22-10 AWG wires on one side and two clamps on the other side for 22-10 AWG wires.

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 | 650 V | 600 V | 600 V | 650 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. |
| Other Approvals | | | | | | |

| | | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|--|--|---------------------------------------|--|---------------------------------------|
| Terminal Block | | CMC1-2 | 100 | CMC2-2 | 50 |
| End Plate | | EPCMC1-2 | 50 | EPCMC2-2 | 50 |
| Separator Plate | | | | | |
| DIN Rail for ordering information refer to page 70 | | | | | |
| End Stop for ordering information refer to page 72 | | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole 100 pole | 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 |
| Insulated Internal Jumper | 2 pole 3 pole 4 pole 10 pole 100 pole | CA742/2 CA742/3 CA742/4 CA742/10 CA742/100 | 100 50 50 10 5 | CA742/2 CA742/3 CA742/4 CA742/10 CA742/100 | 100 50 50 10 5 |
| 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 | | CA707/S/Q/01 | 100 | CA707/S/Q/01 | 100 |
| External Jumper | 2 pole 3 pole 4 pole 10 pole | CA713/2 CA713/3 CA713/4 CA713/10 | 100 100 50 25 | CA713/2 CA713/3 CA713/4 CA713/10 | 100 100 50 25 |
| Marking Tags | | 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

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:

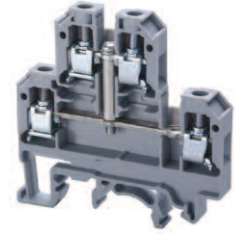
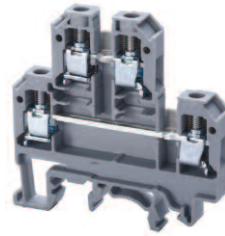
- Double wiring density available without extension of mounting rails.
- Interconnection/shorting can be done at both levels.
- Marking/identification by marking tags possible at both levels.

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 | Std. Pk. | CDL4U(I.S) | Std. Pk. |
|---|---|---|---|---|
| End Plate | EPCDL4U | 50 | EPCDL4U | 50 |
| Separator Plate | SPCDL4U | 100 | SPCDL4U | 100 |
| DIN Rail for ordering information refer to page 70 | | | | |
| End Stop for ordering information refer to page 72 | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 |
| Internal Jumper | 2 pole CA727/2 3 pole CA727/3 4 pole CA727/4 10 pole CA727/10 | 100 50 50 50 10 | 2 pole CA727/2 3 pole CA727/3 4 pole CA727/4 10 pole CA727/10 | 100 50 50 50 10 |
| Insulated Internal Jumper | 2 pole CA747/2 3 pole CA747/3 4 pole CA747/4 10 pole CA747/10 | 100 50 50 50 10 | 2 pole CA747/2 3 pole CA747/3 4 pole CA747/4 10 pole CA747/10 | 100 50 50 50 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 10 pole CA732/100 | 100 100 100 100 100 100 100 10 | 2 pole CA703/1 3 pole CA704/1 4 pole CA705/1 10 pole CA732/10 10 pole CA732/10-A 10 pole CA732/100 | 100 100 100 100 100 100 100 10 |
| Shorting Sleeve & Screw | CA607/S/Q | 100 | CA607/S/Q | 100 |
| External Jumper | 2 pole CA714/2 3 pole CA714/3 4 pole CA714/4 10 pole CA714/10 | 100 100 50 25 | 2 pole CA714/2 3 pole CA714/3 4 pole CA714/4 10 pole CA714/10 | 100 100 50 25 |
| Marking Tags | MT2 | 100 | MT2 | 100 |

COLOR BLOCKS
(other than grey standard)

When ordering please add color suffix to Cat. No.

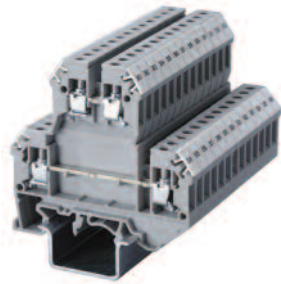
Example: CTS2.5U-N/R

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

Altech Offset Double Level Terminals, which provide a separate connection at two levels. In OD, 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 OD terminal sets for flat alignment to enable effective use of end stops.



ODL4U



| | | | |
|---------------------|--|-------------|-----------|
| 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 | 630 V | 600 V |
| Current Rating | 35 A | 32 A | 35 A |
| Torque | 7 lb-in | 0.5 Nm | 7 lb-in |

| | | | | |
|-----------------|--|--|--|--|
| Other Approvals | | | | |
|-----------------|--|--|--|--|

| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | | |
|-----------------------|--------------|-------------|
| Terminal Block | ODL4U | 50 |
| End Plate | Front | EPODL4U 50 |
| | Back | EP1ODL4U 50 |

| | | |
|--|--|--|
| DIN Rail for ordering information refer to page 70 | | |
|--|--|--|

| | | | |
|--|--|----------|----------|
| End Stop for ordering information refer to page 72 | | CA702 50 | CA802 50 |
|--|--|----------|----------|

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

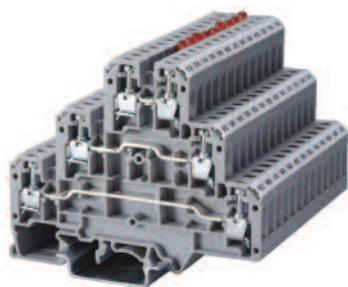
Feed-Through Triple Level

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

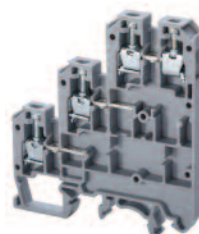
They can also be used in control systems where sensors and actuator applications are involved.

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.

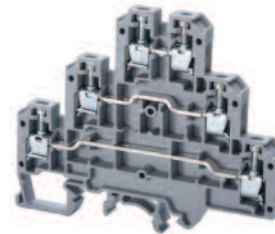
In applications where switching indication is required, choice of CTL2.5UHL and CTL2.5UL terminal blocks with built-in electronic components are available.



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 connect. | | | 6 Screw clamps & 3 tapped holes for cross connect. | | |
| LED Voltage | | | | | | |
| 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 |
| Other Approvals | | | | | | |
| | 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 for ordering information refer to page 70 | | | | | |
| End Stop for ordering information refer to page 72 | CA202 CA702 CA802 | 50 50 50 | CA202 CA702 CA802 | 50 50 50 | |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole 100 pole | 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 |
| 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 | CA707/S/Q/01 | 100 | CA707/S/Q/01 | 100 | |
| External Jumper | 2 pole 3 pole 4 pole 10 pole | CA715/2 CA715/3 CA715/4 CA715/10 | 100 100 100 50 | CA715/2 CA715/3 CA715/4 CA715/10 | 100 100 100 50 |
| Marking Tags | MT2 | 100 | MT2 | 100 | |

COLOR BLOCKS
(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

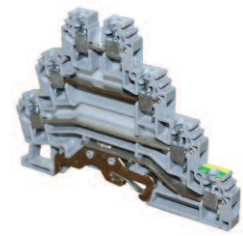
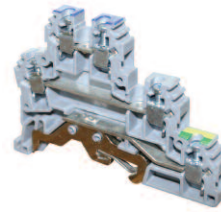
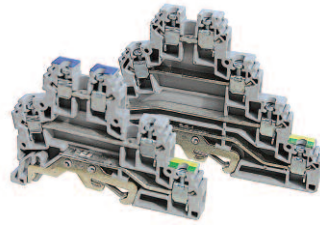
| | | |
|--------------|------------------------|--|
| Color | Ordering Suffix | |
| Red | R | |
| Blue | BU | |
| Black | BL | |
| Orange | O | |
| Green | G | |
| Yellow | Y | |
| White | W | |
| Beige | BG | |
| Dark Brown | DB | |

Double & Triple with Ground Terminal Blocks

The CDLG2.5 is a double level and the CTLG2.5 is a triple level terminal block with an additional connection point for earthing (Grounding) cables.

This separate connection point is appropriately identified by the green-yellow imprint on its top.

The triple level terminal block is an ideal choice for motor, sensor, actuator and initiator connections.



| | CDLG2.5 | CTLG2.5 |
|---------------------|--|--|
| Terminal Width | 6 mm | 6 mm |
| Height x Length | 50 x 71 mm | 62 x 87.5 mm |
| Stripping Length | 9 mm | 9 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 5 Screw clamps & 2 tapped holes for cross connect. | 7 Screw clamps & 1 tapped holes for cross connect. |
| LED Voltage | | |
| Approvals | | |
| Wire Range | 24-12 AWG | 24-12 AWG |
| Voltage Rating | 300 V | 300 V |
| Current Rating | 24 A | 24 A |
| Torque | 7 lb-in | 7 lb-in |
| Other Approvals | | |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | |
|---|--|--|---------------------------------------|--|---------------------------------------|
| Terminal Block | CDLG2.5 | 50 | CTLG2.5 | 50 | |
| End Plate | EPCDLG2.5 | 50 | EPCTLG2.5 | 50 | |
| DIN Rail for ordering information refer to page 70 | | | | | |
| End Stop for ordering information refer to page 72 | CA202 CA702 CA802 | 50 50 50 | CA202 CA702 CA802 | 50 50 50 | |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole | CA627/2 CA627/3 CA627/4 CA627/10 | 100 50 50 10 | CA627/2 CA627/3 CA627/4 CA627/10 | 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 | CA611/S/Q | 100 | CA611/S/Q | 100 | |
| External Jumper | 2 pole 3 pole 4 pole 10 pole | CA715/2 CA715/3 CA715/4 CA715/10 | 100 100 100 50 | CA715/2 CA715/3 CA715/4 CA715/10 | 100 100 100 50 |
| Marking Tags | MT2 | 100 | MT2 | 100 | |

COLOR BLOCKS
(other than grey standard)

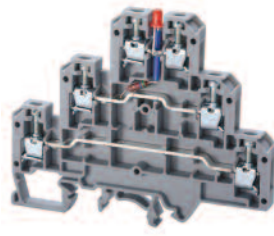
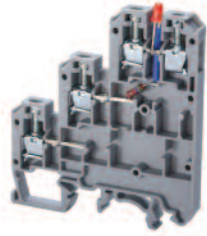
When ordering please add color suffix to Cat. No.

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 |

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 connect.

12V, 24V, 48V, 110V DC

| | | |
|-----------|---------------|-----------|
| | | |
| 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

EPCTL2.5U-H 50



| | |
|-------|----|
| CA202 | 50 |
| CA702 | 50 |
| CA802 | 50 |

| | |
|-----------|-----|
| CA722/2 | 100 |
| CA722/3 | 50 |
| CA722/4 | 50 |
| CA722/10 | 10 |
| CA722/100 | 5 |

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

CA707/S/Q/01 100

| | |
|----------|-----|
| CA715/2 | 100 |
| CA715/3 | 100 |
| CA715/4 | 100 |
| CA715/10 | 50 |

MT2 100

6 mm

67 x 84 mm

9 mm

Polyamide 6.6

6 Screw clamps & 2 tapped holes for cross connect.

12V, 24V, 48V, 110V DC

| | | |
|-----------|---------------|-----------|
| | | |
| 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(L)* 50

EPCTL2.5U 50



| | |
|-------|----|
| CA202 | 50 |
| CA702 | 50 |
| CA802 | 50 |

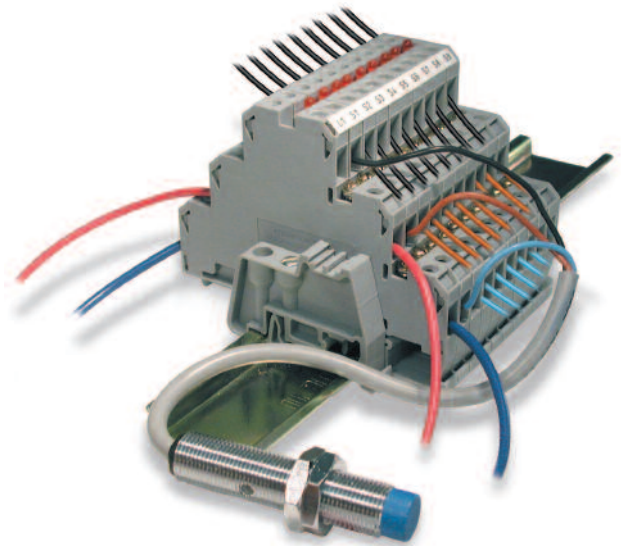
| | |
|-----------|-----|
| CA722/2 | 100 |
| CA722/3 | 50 |
| CA722/4 | 50 |
| CA722/10 | 10 |
| CA722/100 | 5 |

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

CA707/S/Q/01 100

| | |
|----------|-----|
| CA715/2 | 100 |
| CA715/3 | 100 |
| CA715/4 | 100 |
| CA715/10 | 50 |

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

Ground Blocks

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.

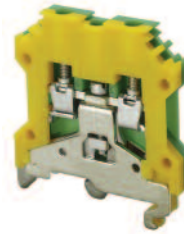
CGT4U, CGT10U and CGT35U can be mounted on both DIN 32mm and DIN 35mm rails.

CGT4N, CGT6N and CGT16N 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 and CTS16U).

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



CGT4U



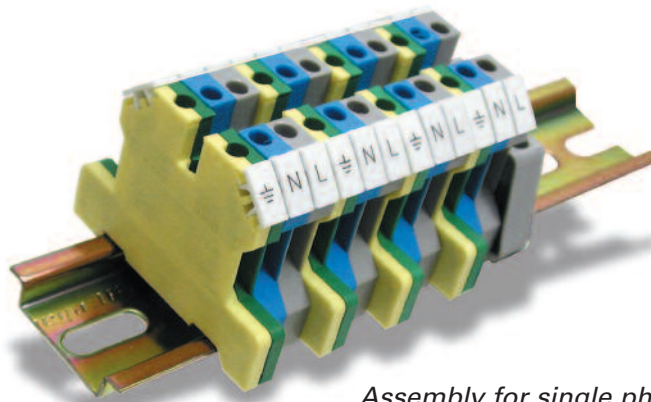
CGT4N



| | | |
|---------------------|-----------------------|-----------------------|
| 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 0.5-4 sq.mm |
| Torque | 7 lb-in 0.5 Nm | 7 lb-in 0.8 Nm |



| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|--------------|----------|--------------|----------|
| Terminal Block | CGT4U | 50 | CGT4N | 50 |
| DIN Rail for ordering information refer to page 70 | | | | |
| End Plate | EPCGT4U | 100 | | |
| Marking Tags (MTType) | MT6 | 100 | MT6 | 100 |



Assembly for single phase 3 wire circuits.

| CGT6N | | | CGT10U | | | CGT10N | | | CGT16N | | | CGT35U | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | | |  | | |  | | |  | | |  | | | |
| 8 mm | | | 10 mm | | | 10 mm | | | 12 mm | | | 16 mm | | | |
| 47 x 54.5 mm | | | 50 x 45 mm | | | 50 x 45 mm | | | 47 x 43 mm | | | 61.5 x 58 mm | | | |
| 12 mm | | | 12 mm | | | 12 mm | | | 16 mm | | | 18 mm | | | |
| Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | |
| 2 screw clamps | | | 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 | 22-6 AWG | 1.5-10 sq.mm | 16-8 AWG | 20-4 AWG | 2.5-16 sq.mm | 20-4 AWG | 8-2 AWG | 10-35 sq.mm | 8.2 AWG | |
| 14 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 | 14 lb-in | 1.2 Nm | 14 lb-in | 25 lb-in | 2.5 Nm | 25 lb-in | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
| CGT6N | 50 | CGT10U | 50 | CGT10N | 50 | CGT16N | 50 | CGT35U | 20 | | | | | | |
|  | |  | |  | |  | |  | | | | | | | |
| MT8 | 100 | MT10 | 100 | MT10 | 100 | MT10 | 100 | MT15 | 100 | | | | | | |

① UL recognition in progress.

Fuse Blocks, 5 x 20 and 5 x 25 mm

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.

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.

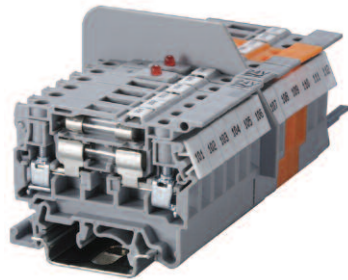
In DDFL4U(E), specially designed built in circuit gives light indication in the event of a fuse blow out at the top level. The terminal provides separate feed through connection possibility at the lower level.

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.

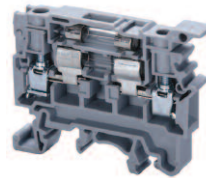
Important:

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

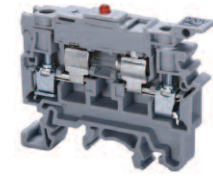
† Fuses are sold separately Altech, see pages 23-24.



| CSFL4U | CSFL4U(L)* |
|--------|------------|
|--------|------------|



† Fuse not included.



† Fuse not included.

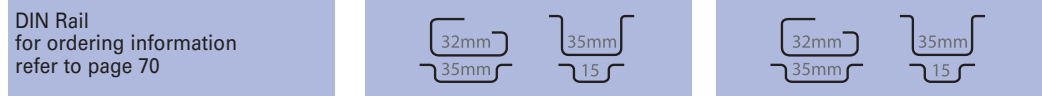
| | | |
|---------------------|----------------|--|
| Terminal Width | 8 mm | 8 mm |
| Height x Length | 43 x 58 mm | 43 x 58 mm |
| Stripping Length | 9.5 mm | 9.5 mm |
| Insulation Material | Polyamide 6.6 | Polyamide 6.6 |
| Type of Connection | 2 screw clamps | 2 screw clamps |
| LED Voltage | | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC, 300V AC |

| Type of Fuse Used | Ø5x20, Ø5x25 mm | | Ø5x20, Ø5x25 mm | |
|-------------------|-----------------|-----------|-----------------|-----------|
| Approvals | | | | |
| Wire Range | 22-10 AWG | 22-10 AWG | 22-10 AWG | 22-10 AWG |
| Voltage Rating | 600 V | 600 V | 600 V | 600 V |
| Current Rating | 6.3 A | 10 A | 6.3 A | 10 A |
| Torque | 7 lb-in | 7 lb-in | 7 lb-in | 7 lb-in |



| Cat. No. | Std. Pk. | Cat. No. | Std. |
|----------|----------|----------|------|
|----------|----------|----------|------|

| | | | |
|---------------|-----|-------------------|----|
| CSFL4U | 100 | CSFL4U(L)* | 50 |
| EPCSFL4U | 50 | EPCSFL4U | 50 |
| PPCSFL4U | 50 | PPCSFL4U | 50 |



| | | | | |
|--|-------|----|-------|----|
| End Stop for ordering information refer to page 72 | CA702 | 50 | CA702 | 50 |
| | CA802 | 50 | CA802 | 50 |

| | | | | | |
|-----------------|---------|----------|-----|----------|-----|
| Internal Jumper | 2 pole | CA711/2 | 100 | CA711/2 | 100 |
| | 3 pole | CA711/3 | 100 | CA711/3 | 100 |
| | 4 pole | CA711/4 | 50 | CA711/4 | 50 |
| | 10 pole | CA711/10 | 20 | CA711/10 | 20 |

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

| | | | | | |
|-------------|---------|--|--|--|--|
| Current Bar | 2 pole | | | | |
| | 3 pole | | | | |
| | 4 pole | | | | |
| | 10 pole | | | | |

| | | | | | |
|-------------------------|--|--|--|--|--|
| Shorting Sleeve & Screw | | | | | |
|-------------------------|--|--|--|--|--|

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

| | | | | |
|-----------------------|-----|-----|-----|-----|
| Marking Tags (MTType) | MT8 | 100 | MT8 | 100 |
| (MTType on Lever) | MT2 | 100 | MT2 | 100 |

COLOR BLOCKS

(other than grey standard)

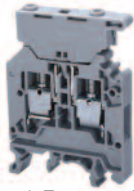
When ordering please add color suffix to Cat. No.

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.

CSFL6U



† Fuse not included.

| |
|----------------|
| 8 mm |
| 60 x 43 mm |
| 9.5 mm |
| Polyamide 6.6 |
| 2 screw clamps |

Ø5x20, Ø5x25 mm

| | | |
|----------|-------------|----------|
| | | |
| 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG |
| 300 V | 500 V | 300 V |
| 10 A | 6.3 A | 10 A |
| 14 lb-in | 0.8 Nm | 14 lb-in |



| Cat. No. | Std. Pk. |
|---------------|----------|
| CSFL6U | 50 |
| EPCSFL6U | 50 |



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

| | |
|----------|-----|
| CA710/2 | 100 |
| CA710/3 | 100 |
| CA710/4 | 100 |
| CA710/10 | 25 |

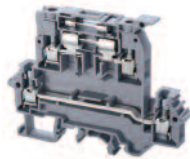
| | |
|----------|-----|
| CA703/6 | 100 |
| CA704/6 | 100 |
| CA705/6 | 100 |
| CA737/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/3 | 100 |
|-------------|-----|

| | |
|----------|-----|
| CA711/2 | 100 |
| CA711/3 | 100 |
| CA711/4 | 50 |
| CA711/10 | 25 |

| | |
|-----|-----|
| MT8 | 100 |
| MT6 | 100 |

DDFL4U



† Fuse not included.

| |
|----------------|
| 8 mm |
| 66 x 88 mm |
| 9.5 mm |
| Polyamide 6.6 |
| 4 screw clamps |

Ø5x20, Ø5x25 mm

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 500 V | 600 V |
| 6.3 A | 6.3 A | 6.3 A |
| 35 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|---------------|----------|
| DDFL4U | 20 |
| EPDDFL4U | 20 |



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

| | |
|----------|-----|
| CA729/2 | 100 |
| CA729/3 | 50 |
| CA729/4 | 50 |
| CA729/10 | 10 |

| | |
|----------|-----|
| CA749/2 | 100 |
| CA749/3 | 50 |
| CA749/4 | 50 |
| CA749/10 | 10 |

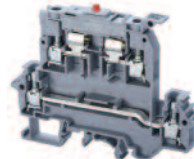
| | |
|----------|-----|
| CA703/6 | 100 |
| CA704/6 | 100 |
| CA705/6 | 100 |
| CA737/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/3 | 100 |
|-------------|-----|

| | |
|----------|-----|
| CA711/2 | 100 |
| CA711/3 | 100 |
| CA711/4 | 50 |
| CA711/10 | 25 |

| | |
|-----|-----|
| MT8 | 100 |
| MT2 | 100 |

DDFL4U(E)*



† Fuse not included.

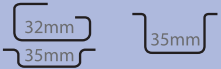
| |
|---|
| 8 mm |
| 66 x 88 mm |
| 9.5 mm |
| Polyamide 6.6 |
| 4 screw clamps |
| 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC |

Ø5x20, Ø5x25 mm

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 500 V | 600 V |
| 6.3 A | 6.3 A | 6.3 A |
| 35 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|-------------------|----------|
| DDFL4U(E)* | 20 |
| EPDDFL4U | 20 |



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

| | |
|----------|-----|
| CA729/2 | 100 |
| CA729/3 | 50 |
| CA729/4 | 50 |
| CA729/10 | 10 |

| | |
|----------|-----|
| CA749/2 | 100 |
| CA749/3 | 50 |
| CA749/4 | 50 |
| CA749/10 | 10 |

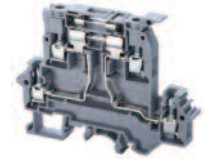
| | |
|----------|-----|
| CA703/6 | 100 |
| CA704/6 | 100 |
| CA705/6 | 100 |
| CA737/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/3 | 100 |
|-------------|-----|

| | |
|----------|-----|
| CA711/2 | 100 |
| CA711/3 | 100 |
| CA711/4 | 50 |
| CA711/10 | 25 |

| | |
|-----|-----|
| MT8 | 100 |
| MT2 | 100 |

DDFL4ULR



† Fuse not included.

| |
|----------------|
| 8 mm |
| 66 x 88 mm |
| 9.5 mm |
| Polyamide 6.6 |
| 4 screw clamps |

Ø5x20, Ø5x25 mm

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 500 V | 600 V |
| 6.3 A | 6.3 A | 6.3 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|-----------------|----------|
| DDFL4ULR | 20 |
| EPDDFL4U | 20 |



| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |
| CA202 | 50 |

| | |
|----------|-----|
| CA730/2 | 100 |
| CA730/3 | 50 |
| CA730/4 | 50 |
| CA730/10 | 10 |

| | |
|----------|-----|
| CA740/2 | 100 |
| CA740/3 | 50 |
| CA740/4 | 50 |
| CA740/10 | 10 |

| | |
|----------|-----|
| CA703/7 | 100 |
| CA704/7 | 100 |
| CA705/7 | 100 |
| CA738/10 | 100 |

| | |
|-------------|-----|
| CA707/S/Q/8 | 100 |
|-------------|-----|

| | |
|----------|-----|
| CA711/2 | 100 |
| CA711/3 | 100 |
| CA711/4 | 50 |
| CA711/10 | 25 |

| | |
|-----|-----|
| MT8 | 100 |
| MT2 | 100 |

Fuse Blocks, 5 x 20 and 5 x 25 mm

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.

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

Important:

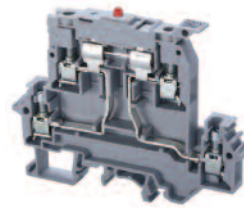
The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link/lever.

† Fuses are sold separately Altech, see pages 23-24.

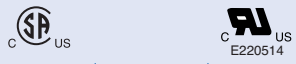

* Add required voltage to part number as suffix, i.e. DDFL4U(E)/24 for 24V AC/DC



DDFL4U(E)LR*




† Fuse not included.


| | |
|---------------------|---|
| Terminal Width | 8 mm |
| Height x Length | 66 x 88 mm |
| Stripping Length | 9.5 mm |
| Insulation Material | Polyamide 6.6 |
| Type of Connection | 4 screw clamps |
| LED Voltage | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC |
| Type of Fuse Used | Ø5x20, Ø5x25 mm |
| Approvals |  |
| Wire Range | 22-10 AWG 0.5-4 sq.mm 22-10 AWG |
| Voltage Rating | 600 V 500 V 600 V |
| Current Rating | 6.3 A 6.3 A 6.3 A |
| Torque | 7 lb-in 0.5 Nm 7 lb-in |
| Other Approvals |  |


Terminal Block


End Plate 

DIN Rail for ordering information refer to page 70


End Stop for ordering information refer to page 72 


Internal Jumper 2 pole 
 3 pole
 4 pole
 10 pole

Insulated Internal Jumper 2 pole 
 3 pole
 4 pole
 10 pole

Current Bar 2 pole 
 3 pole
 4 pole
 10 pole

Shorting Sleeve & Screw 

External Jumper 2 pole 
 3 pole
 4 pole
 10 pole

Marking Tags (MT Type) 
 (MT Type on Lever)

| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

DDFL4U(E)LR* 20

EPDDFL4U 20



CA702 50
 CA802 50
 CA202 50

CA730/2 100
 CA730/3 50
 CA730/4 50
 CA730/10 10

CA740/2 100
 CA740/3 50
 CA740/4 50
 CA740/10 10

CA703/7 100
 CA704/7 100
 CA705/7 100
 CA738/10 100

CA707/S/Q/8 100

CA711/2 100
 CA711/3 100
 CA711/4 50
 CA711/10 25

MT8 100
 MT2 100

COLOR BLOCKS
 (other than grey standard)

When ordering please add color suffix to Cat. No.

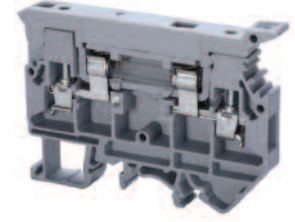
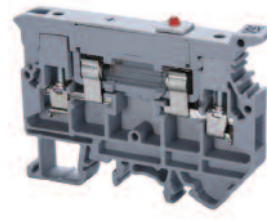
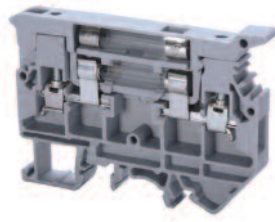
Example: CTS2.5U-N/R

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

CAFL4U

CAFL4U(L)*

CAFL4U(N)



† Fuse not included.

† Fuse not included.

† Fuse not included.

| | | | | | | | | | |
|---------------------|----------------------------|-------------|--------------|--|-------------|--------------|----------------------------|-------------|--------------|
| Terminal Width | 9 mm | | | 9 mm | | | 9 mm | | |
| Height x Length | 50 x 72 mm | | | 50 x 72 mm | | | 50 x 72 mm | | |
| Stripping Length | 9.5 mm | | | 9.5 mm | | | 9.5 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 screw clamps | | | 2 screw clamps | | | 2 screw clamps | | |
| LED Voltage | | | | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC, 300V AC | | | 110-220V AC/DC, 300V AC | | |
| Type of Fuse Used | Ø1/4x1 in., Ø1/4x1 1/4 in. | | | Ø1/4x1 in., Ø1/4x1 1/4 in. | | | Ø1/4x1 in., Ø1/4x1 1/4 in. | | |
| 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 | 500 V | 600 V | 600 V | 500 V | 600 V | 600 V | 500 V | 600 V |
| Current Rating | Top Level | | Bottom Level | Top Level | | Bottom Level | Top Level | | Bottom Level |
| | 16 A | 6.3 A | 16 A | 16 A | 6.3 A | 16 A | 16 A | 6.3 A | 16 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 |
| Other Approvals | | | | | | | | | |

| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | | | | | | | |
|--|---------------------------------------|---|----------------------|---|-----------------------|---|-----------------------|
| Terminal Block | CAFL4U | 25 | CAFL4U(L)* | 25 | CAFL4U(N) | 25 | |
| End Plate | EPCAFL4U | 50 | EPCAFL4U | 50 | EPCAFL4U | 50 | |
| DIN Rail for ordering information refer to page 70 | | | | | | | |
| End Stop for ordering information refer to page 72 | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 | CA702 CA802 | 50 50 | |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole | | | | | | |
| Insulated Internal Jumper | 2 pole 3 pole 4 pole 10 pole | | | | | | |
| Current Bar | 2 pole 3 pole 4 pole 10 pole | | | | | | |
| Shorting Sleeve & Screw | | | | | | | |
| External Jumper | 2 pole 3 pole 4 pole 10 pole | CA716/2 CA716/3 CA716/4 CA716/10 | 50 50 50 25 | CA716/2 CA716/3 CA716/4 CA716/10 | 100 50 50 20 | CA716/2 CA716/3 CA716/4 CA716/10 | 100 50 50 20 |
| Marking Tags (MT Type) (MT Type on Lever) | MT9 | 100 | MT9 | 100 | MT9 | 100 | |

Fuse Blocks, 10 x 38 mm

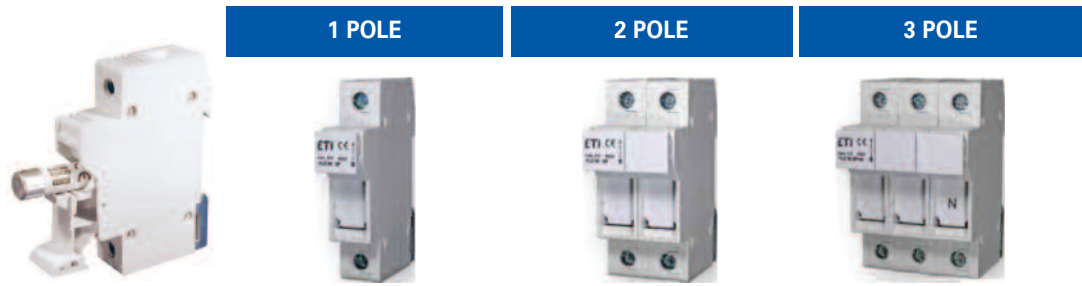
The main characteristics of fuse disconnectors are:

- 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 pages 23-24.



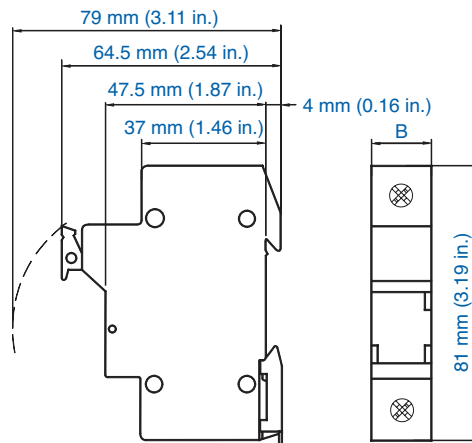
| | 1 POLE | 2 POLE | 3 POLE |
|---------------------|----------------|----------------|----------------|
| Terminal Width (B) | 17.5 mm | 35 mm | 52.5 mm |
| Height x Length | 77 x 63.5 mm | 77 x 63.5 mm | 77 x 63.5 mm |
| Stripping Length | 11 mm | 11 mm | 11 mm |
| Insulation Material | Aculon® | 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. | Cat. No. | Std. Pk. | Cat. No. |

Terminal Block

| Indicator: | CB1038-1 | | CB1038-2 | | CB1038-3 | |
|--|----------|----|----------|----|----------|----|
| None | 1 | | 1 | | 1 | |
| LED | 1 | | 1 | | 1 | |
| Neon | 1 | | 1 | | 1 | |
| DIN Rail for ordering information refer to page 70 | | | | | | |
| End Stop for ordering information refer to page 72 | 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 |

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.

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 

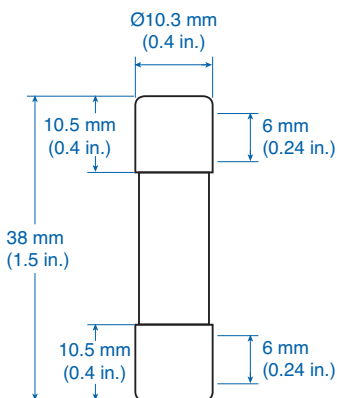
gR - Semiconductor Protection

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 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.

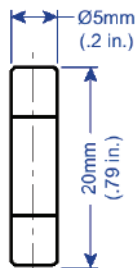
Operating Class:

Slow, Typical Marking: "T"

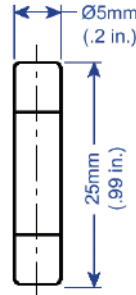
Medium, Typical Marking: "M"

Fast, Typical Marking: "F"

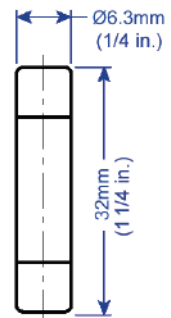
5 X 20



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 41661 IEC-127-2/II | | Voltage 250V AC/DC | |
|-------------|---|-------------------------|--------------------------|--|----------------------------|-----------------------------|--|
| | Cat. No. | | | Cat. No. | | Cat. No. | |
| | Slow | Medium | Fast | Medium | Slow | Fast | |
| 20mA | | 0.02M5x20M | | 0.032M5x25M | 0.032M6.3x32T | | |
| 32mA | | 0.032M5x20M | | 0.04M5x25M | 0.04M6.3x32T | | |
| 40mA | | | | 0.05M5x25M | 0.05M6.3x32T ⁴ | 0.05M6.3x32F | |
| 50mA | 0.05M5x20T ⁴ | 0.05M5x20M | 0.05M5x20F ⁴ | 0.063M5x25M | 0.063M6.3x32T ⁴ | 0.063M6.3x32F | |
| 63mA | | 0.063M5x20M | | 0.08M5x25M | 0.08M6.3x32T ⁴ | 0.08M6.3x32F | |
| 80mA | 0.08M5x20T ⁴ | 0.08M5x20M | | 0.1M5x25M | 0.1M6.3x32T ⁴ | 0.1M6.3x32F | |
| 100mA | 0.1M5x20T ⁴ | 0.1M5x20M | 0.1M5x20F ⁴ | 0.125M5x25M | 0.125M6.3x32T ⁴ | 0.125M6.3x32F | |
| 125mA | 0.125M5x20T ⁴ | 0.125M5x20M | 0.125M5x20F ⁴ | 0.16M5x25M | 0.16M6.3x32T ⁴ | 0.16M6.3x32F | |
| 160mA | 0.16M5x20T ⁴ | 0.16M5x20M | 0.16M5x20F ⁴ | 0.2M5x25M | 0.2M6.3x32T ⁴ | 0.2M6.3x32F | |
| 200mA | 0.2M5x20T ⁴ | 0.2M5x20M | 0.2M5x20F ⁴ | 0.25M5x25M | 0.25M6.3x32T ⁴ | 0.25M6.3x32F | |
| 250mA | 0.25M5x20T ⁴ | 0.25M5x20M | 0.25M5x20F ⁴ | 0.315M5x25M | 0.315M6.3x32T ⁴ | 0.315M6.3x32F | |
| 315mA | 0.315M5x20T ⁴ | 0.315M5x20M | 0.315M5x20F ⁴ | | | | |
| 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.

Enclosures that **Protect** and **LOOK GOOD** too!

Altech's increasingly popular industrial enclosures keep you well covered with their high quality and attractive design.

*All at Very Competitive Prices!
And many available for immediate delivery.*

Customization available!

Rustproof

- Polycarbonate/Polystyrene enclosures will last indefinitely without corrosion

Visibility

- Components and devices are fully visible through transparent covers, while completely protected and insulated

Impact Resistant

- Non-metallic enclosures withstand bumps and blows, they will not dent

Maintenance Free

- Surface finish does not deteriorate and requires no special painting or refinishing

Chemical resistant

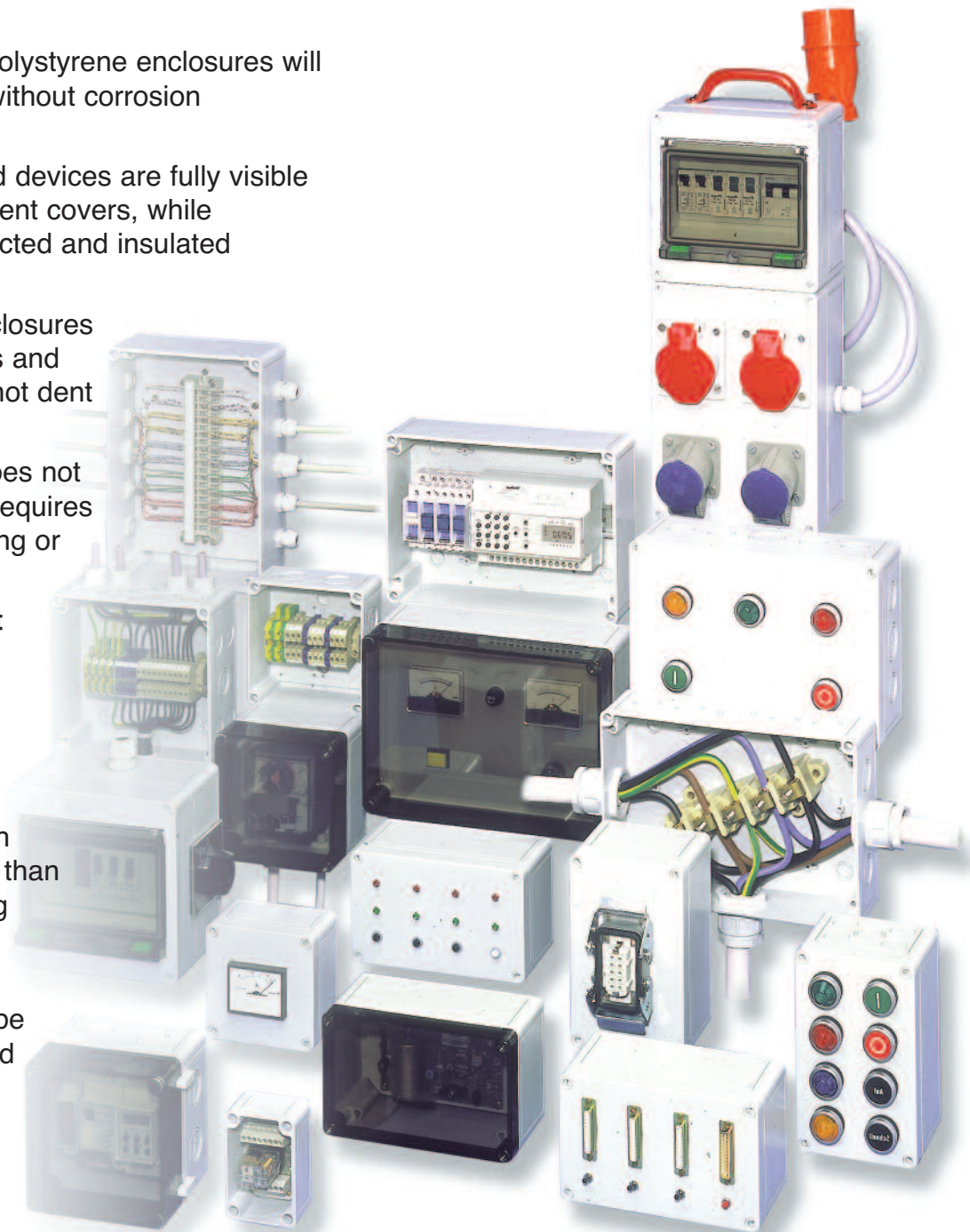
- Resist weak and strong acids and alkali

Lightweight

- Non-metallic enclosures weigh significantly less than metal, simplifying handling

Flexibility

- Enclosures can be easily customized



Illustrated are just a few of the applications for our enclosures.

Disconnect

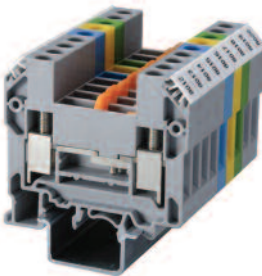










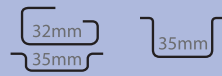






Disconnect and test terminals are an ideal choice for measuring control and regulatory circuits. The terminals provide a clear functional advantage for devices having utility instruments and associated transformers.

Five versions of disconnect and test terminals are available:

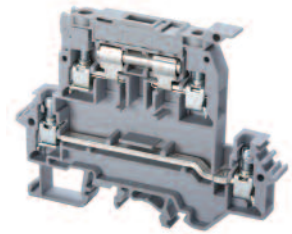
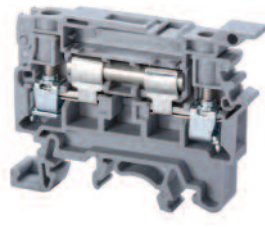
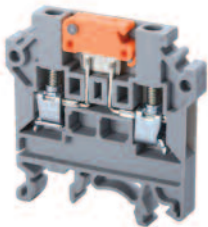
- CDTTU - disconnection is achieved by means of a slide link operated with a screw driver.
- CDTTU-SH - disconnect and test terminals are ideal for use in current transformer applications when it is mandatory to keep the secondary side shorted at any point while taking current measurements.
- CKT4U - 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.

| | CDTTU | | | CDTTU-SH | | |
|--|--|--|---|---|---|----------|
|  | | | | | | |
| 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 | 800 V | 600 V | 300 V | 300 V | 300 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 | 1.2 Nm | 14 lb-in |
| Other Approvals |  | | |  | | |
| Terminal Block | CDTTU | 50 | | CDTTU-SH | 50 | |
| End Plate  | EPCDTTU | 50 | | EPCDTTU | 50 | |
| Isolation Partition  | | | | | | |
| DIN Rail for ordering information refer to page 70 |  | | |  | | |
| End Stop for ordering information refer to page 72  | CA702 | 50 | | CA702 | 50 | |
| | CA802 | 50 | | CA802 | 50 | |
| Internal Jumper | 2 pole  | | | | | |
| | 3 pole | | | | | |
| | 4 pole | | | | | |
| | 10 pole | | | | | |
| Insulated Internal Jumper | 2 pole  | | | | | |
| | 3 pole | | | | | |
| | 4 pole | | | | | |
| | 10 pole | | | | | |
| Current Bar | 2 pole  | | | | | |
| | 3 pole | | | | | |
| | 4 pole | | | | | |
| | 10 pole | | | | | |
| Shorting Sleeve & Screw | | | | | | |
| External Jumper  | 2 pole | CA710/2 | 100 | CA710/2 | 100 | |
| | 3 pole | CA710/3 | 100 | CA710/3 | 100 | |
| | 4 pole | CA710/4 | 100 | CA710/4 | 100 | |
| | 10 pole | CA710/10 | 25 | CA710/10 | 25 | |
| Marking Tags (MT Type)  | (MT Type on Lever) | MT8 | 100 | MT8 | 100 | |

| CKT4U | CSDL4U | CSDL6U | DDDL4U |
|-------|--------|--------|--------|
|-------|--------|--------|--------|



| | | | |
|----------------|----------------|----------------|----------------|
| 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 | 800 V | 600 V | 600 V | 500 V | 600 V | 300 V | 500 V | 300 V | 300 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 | 0.8 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. |
|---------------|----------|---------------|----------|
| CKT4U | 50 | CSDL4U | 100 |
| EPCKT4U | 50 | EPCSFL4U | 50 |
| | | PPCSFL4U | 50 |
| CSDL6U | 50 | DDDL4U | 20 |
| EPCSFL6U | 50 | EPDDL4U | 20 |



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

| | | | | |
|--|--|--|-------------|-----|
| | | | CA729/2 | 100 |
| | | | CA729/3 | 50 |
| | | | CA729/4 | 50 |
| | | | CA729/10 | 10 |
| | | | CA749/2 | 100 |
| | | | CA749/3 | 50 |
| | | | CA749/4 | 50 |
| | | | CA749/10 | 10 |
| | | | CA703/6 | 100 |
| | | | CA704/6 | 100 |
| | | | CA705/6 | 100 |
| | | | CA737/10 | 100 |
| | | | CA707/S/Q/3 | 100 |

| | | | |
|----------|-----|----------|-----|
| CA713/2 | 100 | CA711/2 | 100 |
| CA713/3 | 100 | CA711/3 | 100 |
| CA713/4 | 50 | CA711/4 | 50 |
| CA713/10 | 25 | CA711/10 | 25 |
| CA710/2 | 100 | CA710/2 | 100 |
| CA710/3 | 50 | CA710/3 | 50 |
| CA710/4 | 50 | CA710/4 | 50 |
| CA710/10 | 25 | CA710/10 | 25 |
| MT6 | 100 | MT8 | 100 |
| | | MT2 | 100 |
| | | MT8 | 100 |
| | | MT2 | 100 |

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:

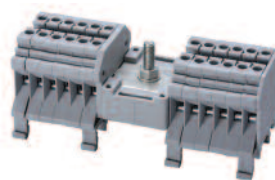
Sum of outgoing currents on either side of center should not exceed half the maximum permissible incoming current.

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

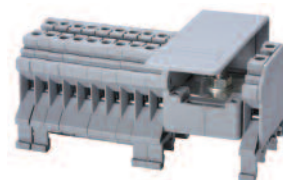
Connection for higher outgoing currents should be done through the terminal nearest to the incoming connection.



CDB4/x



CDB4/x(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 | | | Output | 1 Lug M5 /bolt connection for ring lug | |
| | Output | Screw clamp connection | | | Output | 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 | | 800 V | 600 V | | 800 V | 600 V |
| Current Rating | Input | 50 A | | 50 A | 50 A | 32 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 |

Other Approvals



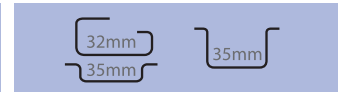
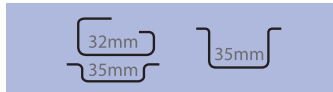
Terminal Block

| 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 70



End Stop for ordering information refer to page 72



CA702 50
CA802 50

CA702 50
CA802 50

Marking Tags (MT Type)



MT6 100

MT6 100

Warning Label

COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

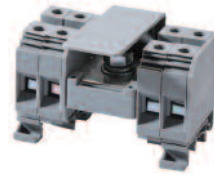
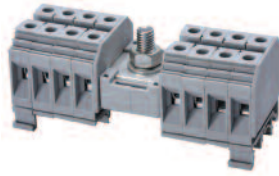
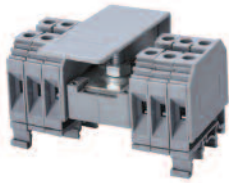
Example: CTS2.5U-N/R

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

CDB6/x

CDB10/x

CDB25/x



8 mm

10 mm

12 mm

43 x 47 mm

43 x 47 mm

56 x 49 mm

12 mm

12 mm

18 mm

Polyamide 6.6

Polyamide 6.6

Polyamide 6.6

1 Lug/ M6 bolt connection for ring lug
Screw clamp connection

1 Lug/ M8 bolt connection for ring lug
Screw clamp connection

1 Lug/ M8 bolt connection for ring lug
Screw clamp connection

| 10-2 AWG 22-8 AWG | 6-25 sq.mm 1.5-6 sq.mm | 10-2 AWG 22-8 AWG | | 8-1/0 AWG 22-6 AWG | 10-35 sq.mm 1.5-10 sq.mm | 8-1/0 AWG 22-6 AWG | | 6-2/0 AWG 12-2 AWG | 10-50 sq.mm 6-25 sq.mm | 6-2/0 AWG 12-2 AWG | |
|----------------------|---------------------------|----------------------|--|-----------------------|-----------------------------|-----------------------|--|-----------------------|---------------------------|-----------------------|--|
| 600 V | 800 V | 600 V | | 600 V | 800 V | 600 V | | 600 V | 800 V | 600 V | |
| 100 A 50 A | 41 A | 100 A 50 A | | 125 A 65 A | 57 A | 130 A 65 A | | 150 A 75 A | 101 A | 150 A 75 A | |
| 25 lb-in 9 lb-in | 3.0 Nm 0.8 Nm | 35 lb-in 14 lb-in | | 53 lb-in 14 lb-in | 6.0 Nm 1.2 Nm | 53 lb-in 14 lb-in | | 53 lb-in 14 lb-in | 6.0 Nm 2 Nm | 53 lb-in 14 lb-in | |



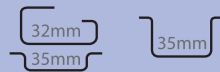
| Cat. No. | H x W x L (mm) | Outputs | Std. Pk | Cat. No. | H x W x L (mm) | Outputs | Std. Pk | Cat. No. | H x W x L (mm) | Outputs | Std. Pk |
|---------------|----------------|---------|---------|----------------|----------------|---------|---------|----------------|----------------|---------|---------|
| CDB6/2 | 43 x 47 x 64 | 8 | 10 | CDB10/2 | 43 x 47 x 72 | 8 | 10 | CDB25/2 | 56 x 49 x 88 | 8 | 10 |
| CDB6/3 | 43 x 47 x 80 | 12 | 10 | CDB10/3 | 43 x 47 x 92 | 12 | 10 | CDB25/3 | 56 x 49 x 112 | 12 | 10 |
| CDB6/4 | 43 x 47 x 96 | 16 | 5 | CDB10/4 | 43 x 47 x 112 | 16 | 5 | CDB25/4 | 56 x 49 x 136 | 16 | 5 |

Cat. No. **Std. Pk.**



CA702 50
CA802 50

Cat. No. **Std. Pk.**



CA702 50
CA802 50

Cat. No. **Std. Pk.**



CA702 50
CA802 50

MT8 100

MT10 100

MT12 100

SWL6 100

Distribution Block

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



| | CMDB4/X | | | CMDB6/X | | | CMDB10/X | | |
|---------------------|------------------------|--------------------------------|-----------|------------------------|--------------------------------|----------|------------------------|--------------------------------|----------|
| Terminal Width | 6 mm | | | 8 mm | | | 10 mm | | |
| Height & Width | 45 x 43 mm | | | 43 x 47 mm | | | 43 x 47 mm | | |
| Stripping Length | 9 mm | | | 12 mm | | | 12 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | Screw clamp connection | | | Screw clamp connection | | | Screw clamp connection | | |
| Approvals | | | | | | | | | |
| Wire Range | Input 22-10 AWG | Output 0.5-4 sq.mm | 22-10 AWG | Input 22-8 AWG | Output 1.5-6 sq.mm | 22-8 AWG | Input 22-6 AWG | Output 1.5-10 sq.mm | 20-6 AWG |
| Voltage Rating | 600 V | 800 V | 600 V | 600 V | 800 V | 600 V | 600 V | 800 V | 600 V |
| Current Rating | Input 30 A | Max. Individual Output 32 A | 35 A | Input 50 A | Max. Individual Output 41 A | 50 A | Input 65 A | Max. Individual Output 57 A | 65 A |
| Torque | Input 7 lb-in | Output 0.5 Nm | 7 lb-in | Input 9 lb-in | Output 0.8 Nm | 14 lb-in | Input 14 lb-in | Output 1.2 Nm | 14 lb-in |

Other Approvals

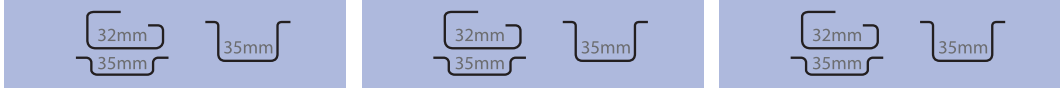
| | CMDB4/X | | | CMDB6/X | | | CMDB10/X | | | | | |
|--|----------|----------------|---------|----------|----------|----------------|----------|----------|----------|----------------|---------|----------|
| | | | | | | | | | | | | |
| | Cat. No. | H x W x L (mm) | Outputs | Std. Pk. | Cat. No. | H x W x L (mm) | Outputs | Std. Pk. | Cat. No. | H x W x L (mm) | Outputs | Std. Pk. |

Terminal Block

| | | | | | | | | | | | |
|-----------------|----------------|----|----|-----------------|----------------|----|----|------------------|-----------------|----|----|
| CMDB4/2 | 45 x 43 x 13.5 | 4 | 10 | CMDB6/2 | 43 x 48 x 17.5 | 4 | 10 | CMDB10/2 | 43 x 48 x 21.5 | 4 | 10 |
| CMDB4/3 | 45 x 43 x 19.5 | 6 | 10 | CMDB6/3 | 43 x 48 x 25.5 | 6 | 10 | CMDB10/3 | 43 x 48 x 31.5 | 6 | 10 |
| CMDB4/4 | 45 x 43 x 25.5 | 8 | 5 | CMDB6/4 | 43 x 48 x 33.5 | 8 | 10 | CMDB10/4 | 43 x 48 x 41.5 | 8 | 10 |
| CMDB4/10 | 45 x 43 x 61.5 | 20 | 5 | CMDB6/10 | 43 x 48 x 81.5 | 20 | 5 | CMDB10/10 | 43 x 48 x 101.5 | 20 | 5 |

| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|--|----------|----------|----------|----------|----------|----------|
|--|----------|----------|----------|----------|----------|----------|

DIN Rail for ordering information refer to page 70



End Stop for ordering information refer to page 72



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

Marking Tags (MT Type)



| | | | | | |
|-----|-----|-----|-----|------|-----|
| MT6 | 100 | MT8 | 100 | MT10 | 100 |
|-----|-----|-----|-----|------|-----|

Warning Label

SWL6 100

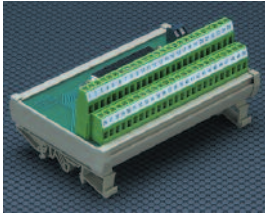
COLOR BLOCKS
(other than grey standard)

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 | |

We have a full line of standard and custom Interface Modules and Power Supplies.



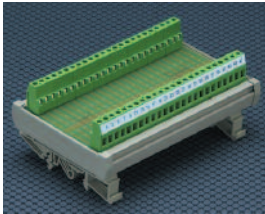
CONNECTOR TO TERMINAL BLOCK MODULES

Compact and reliable connections between high density connectors and high quality screw-cage clamp terminal blocks; DIN Rail mountable



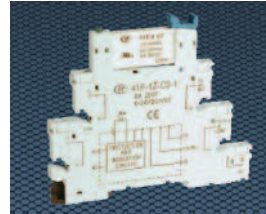
GENERAL PURPOSE/INTERFACE RELAYS

A selection of DIN Rail mountable general purpose relays available for up to 12 A @ 250 Volts.



DIODE MODULES & COMPONENT CARRIERS

Add additional components to build circuits and diode modules mounted on 35 or 32mm DIN Rails.



PLUGGABLE SLIMLINE RELAYS

Need Text



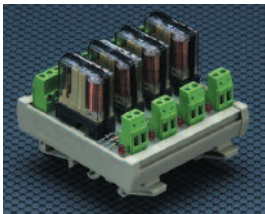
MONITORING PROTECTION MODULES

Special purpose components connected to screw-cage clamp terminal blocks; DIN Rail mountable.



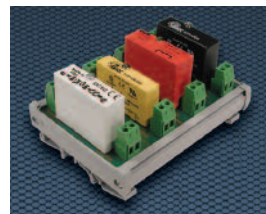
I/O MODULE CARRIERS

Accepts industry standard I/O modules. LED indicator and fuse protection included on carrier.



RELAY MODULES

Traditional relay modules from 1-16 channels. Available in several voltages (AC & DC), isolated or bussed systems. DIN Rail mounted.



SOLID STATE I/O MODULES

Input/Output Modules (both AC and DC) provided on a DIN mountable module. Bussed and isolated versions available.



SAFETY RELAY MODULES

Force-guided contact modules available in 1-16 channels, 12 and 24VDC coils and isolated or bussed systems. All mountable on 32 or 35mm DIN Rails.



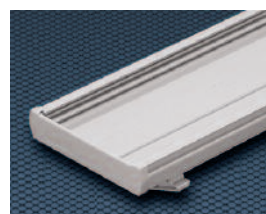
POWER SUPPLIES

Basic and High Performance Series. DIN Rail mountable units are available with 12 or 24VDC output, 15 to 60 Watts and regulated outputs.



CUSTOM MODULES

Altech provides quick turn-key custom designs and competitive solutions.



MOUNTING TRACKS

DIN Rail or panel mount mounting tracks secure standard or custom printed circuit boards in control panels or cabinets.

Contact Altech Today to learn more!

One Phase Power Distribution Block

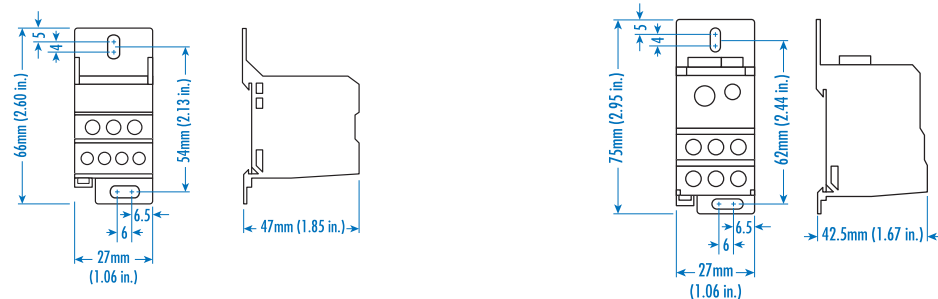
- Quick mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- Blocks fit with other DIN Rail mountable modular devices (height 95mm, depth 44.5mm)
- Accessories increase the number of outputs with only one input (applies **only** to 38041 and 38032)
- No caps to open / remove
- Material
Housing: Polyamide
Metal Body: Brass



| Part Number: | DB16* | | 38049 | | DB35* | | 38041 | |
|----------------|-----------------|--------------------------|----------------|--------------------------|-----------------|-----------------------|----------------|-----------------------|
| Approvals | UL File E220514 | | UL File E98082 | | UL File E220514 | | UL File E98082 | |
| Current Rating | 80A | 80A | 80A | 80A | 115A | 125A | 115A | 125A |
| Voltage Rating | 600V AC | 690V AC | 600V AC | 690V AC | 600V AC | 690V AC | 600V AC | 690V AC |
| SCCR | 10kA | | 100kA | | 10kA | | 100kA | |
| No. of Inputs | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Wire Range | 8-4 AWG | 6-16mm ² | 8-4 AWG | 6-16mm ² | 8-2 AWG | 10-35mm ² | 8-2 AWG | 10-35mm ² |
| Torque | 13.5lb.-in. | 1.5Nm | 13.5lb.-in. | 1.5Nm | 31lb.-in. | 3.5Nm | 13.5lb.-in. | 3.5Nm |
| Screw Type | Pozi Drive 2 | | Pozi Drive 2 | | Pozi Drive 2 | | Pozi Drive 2 | |
| No. of Outputs | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Wire Range | (2x)8-4 AWG | (2x)6-16mm ² | (2x)8-4 AWG | (2x)6-16mm ² | 14-6 AWG | 2.5-16mm ² | 14-6 AWG | 2.5-16mm ² |
| Torque | 13.5lb.-in. | 1.5Nm | 13.5lb.-in. | 1.5Nm | 17.5lb.-in. | 2Nm | 17.5lb.-in. | 2Nm |
| Wire Range | (4x)14-10 AWG | (4x)2.5-6mm ² | (4x)14-10 AWG | (4x)2.5-6mm ² | | | | |
| Torque | 7.2lb.-in. | 0.8Nm | 7.2lb.-in. | 0.8Nm | | | | |
| Screw Type | Pozi Drive 2 | | Pozi Drive 2 | | Pozi Drive 2 | | Pozi Drive 2 | |

Optional Marking Tag
** (for DB16 and DB35)

Dimensions:



* Available in colors.

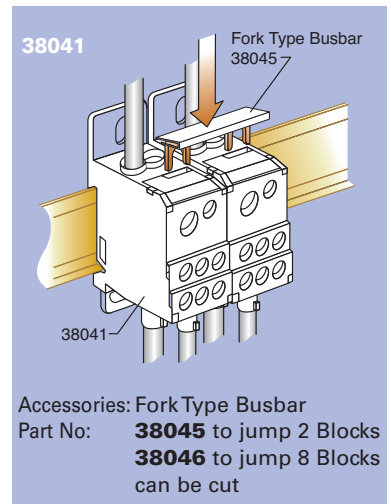
COLOR BLOCKS

(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 |



38076

38032

38074



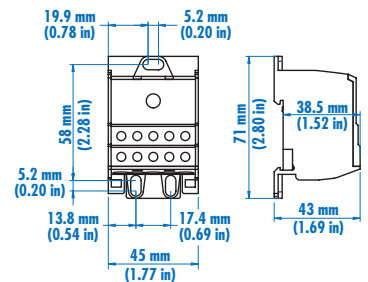
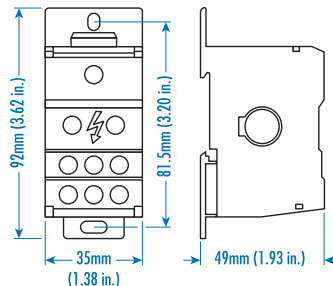
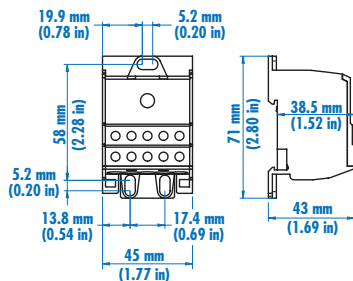
CE

CE

CE

| Part Number: | 38076 | | 38032 | | 38074 | |
|----------------|----------------|-----------------------|----------------|-----------------------|-------------|-----------------------|
| Approvals | UL File E98082 | | UL File E98082 | C US | | UL File E98082 |
| Current Rating | 115A | 125A | 160A | 160A | 175A | 175A |
| Voltage Rating | 600V AC | 690V AC | 600V AC | 690V AC | 600V AC | 690V AC |
| SCCR | 100kA | | 100kA | | 100kA | |
| No. of Inputs | 1 | 1 | 1 | 1 | 1 | 1 |
| Wire Range | 8-2 AWG | 10-35mm ² | 8-2/0AWG | 10-70mm ² | 6-2/0AWG | 16-70mm ² |
| Torque | 53lb.-in. | 6Nm | 35.5lb.-in. | 4Nm | 53lb.-in. | 6Nm |
| Screw Type | Hex 4 | | Hex 5 | | Hex 5 | |
| No. of Outputs | 10 | 10 | 6 | 6 | 10 | 10 |
| Wire Range | 14-4 AWG | 2.5-16mm ² | 14-6 AWG | 2.5-16mm ² | 14-4 AWG | 2.5-16mm ² |
| Torque | 26.5lb.-in. | 3Nm | 17.5lb.-in. | 2Nm | 26.5lb.-in. | 3Nm |
| Screw Type | Hex 3 | | Hex 3 | | Hex 3 | |

Dimensions:









38032

Accessories: Copper Jumper Bar (6x15 mm)
 Part No: **3803221** for 2 Blocks
3803231 for 3 Blocks
3803241 for 4 Blocks
 can be cut

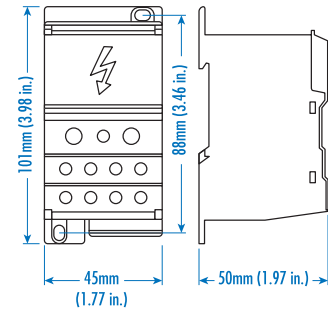
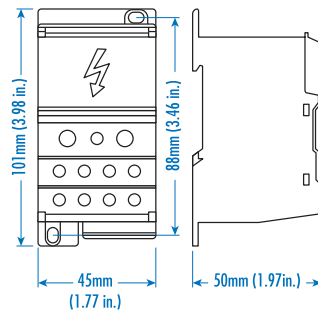
One Phase Power Distribution Block

- Quick 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.
- No caps to open or remove
- Material
 - Housing: Polyamide
 - Metal Body: Brass

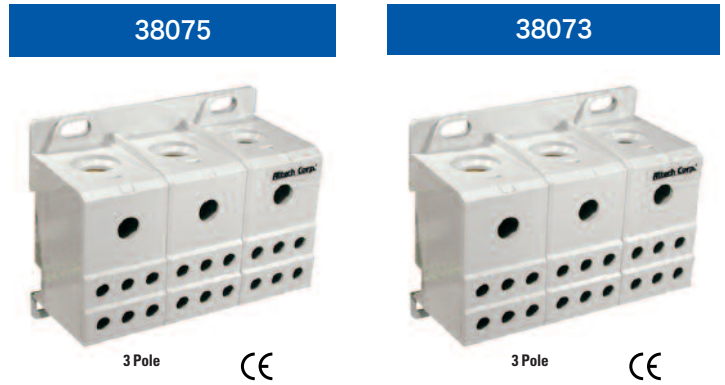


| Part Number: | 38020 | | 38019 | | | |
|----------------|---|---|--|---|---|---|
| Approvals |  UL File E98082 |  C US |  |  UL File E98082 |  C US |  |
| Current Rating | 230A | 250A | 310A | 400A | | |
| Voltage Rating | 600V AC | 690V AC | 600V AC | 690V AC | | |
| SCCR | | 100kA | | 100kA | | |
| No. of Inputs | 1 | 1 | 1 | 1 | | |
| Wire Range | 2-4/0AWG | 35-120mm ² | 3/0-350mcm | 95-185mm ² | | |
| Torque | 170lb.-in. | 19Nm | 230lb.-in. | 25Nm | | |
| Screw Type | Hex 6 | | Hex 8 | | | |
| No. of Outputs | 11 | 11 | 11 | 11 | | |
| Wire Range | (2x) 14-2AWG | (2x) 2.5-35mm ² | (2x) 14-2AWG | (2x) 2.5-35mm ² | | |
| Torque | 31lb.-in. | 3.5Nm | 31lb.-in. | 3.5Nm | | |
| Wire Range | (5x) 14-6AWG | (5x) 2.5-16mm ² | (5x) 14-6AWG | (5x) 2.5-16mm ² | | |
| Torque | 17.5lb.-in. | 2Nm | 17.5lb.-in. | 2Nm | | |
| Wire Range | (4x) 14-8AWG | (4x) 2.5-10mm ² | (4x) 14-8AWG | (4x) 2.5-10mm ² | | |
| Torque | 17.5lb.-in. | 2Nm | 17.5lb.-in. | 2Nm | | |
| Screw Type | standard screwdriver | | standard screwdriver | | | |

Dimensions:

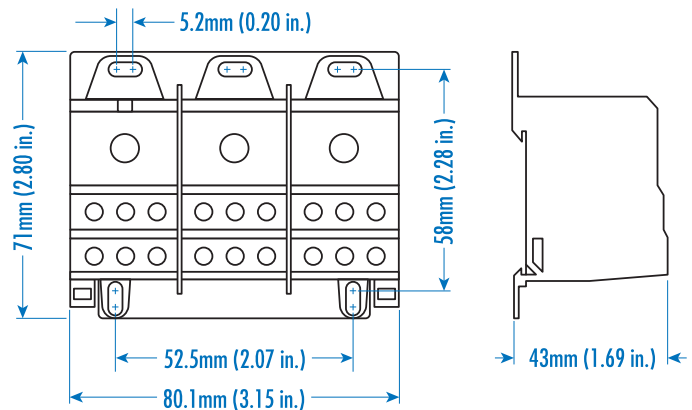


- Quick mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- Blocks fit with other DIN Rail mountable modular devices
- Same compact size for both ratings
- No caps to open or remove
- Material
 - Housing: Polyamide
 - Metal Body: Brass



| Part Number: | 38075 | | 38073 | |
|----------------|----------------|-----------------------|----------------|-----------------------|
| Approvals | UL File E98082 | | UL File E98082 | |
| Current Rating | 115A | 115A | 175A | 175A |
| Voltage Rating | 600V AC | 690V AC | 600V AC | 690V AC |
| SCCR | 100kA | | 100kA | |
| 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 |
| Screw Type | Hex 4 | | Hex 5 | |
| 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 |
| Screw Type | Hex 3 | | Hex 3 | |

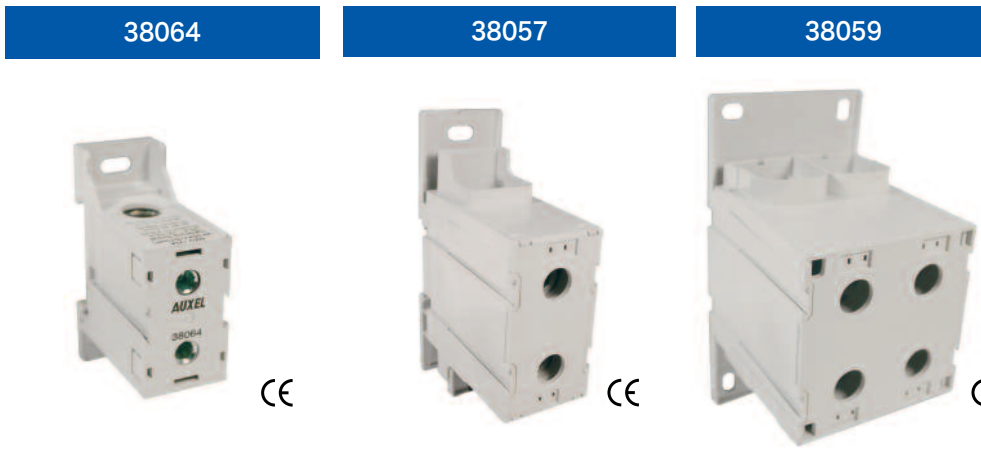
Dimensions:



Splicer Blocks

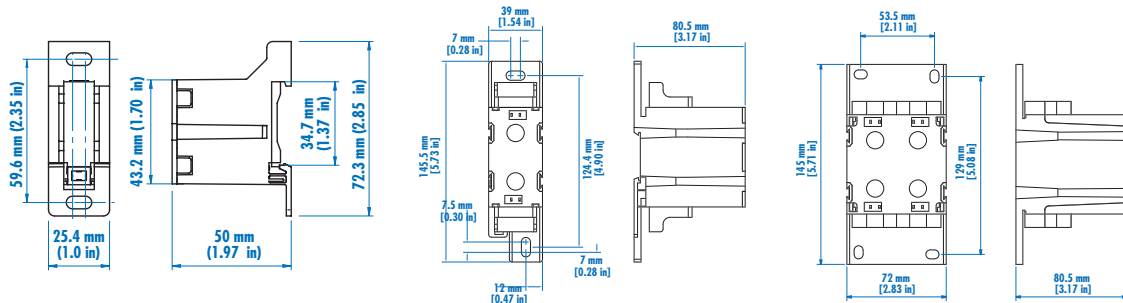
- Quick mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- No caps to open or remove
- Material

Housing: Polyamide
Metal Body: Aluminum



| Part Number: | 38064 | | 38057 | | 38059 | |
|----------------|----------------|---------------------------------------|----------------|---------------------------------------|----------------|-----------------------|
| Approvals | UL File E98082 | 175A | UL File E98082 | 400A | UL File E98082 | 800A |
| Current Rating | 175A | 175A | 400A | 400A | 800A | 800A |
| Voltage Rating | 600V AC | 690V AC | 600V AC | 690V AC | 600V AC | 690V AC |
| No. of Inputs | 1 | 1 | 1 | 1 | 2 | 2 |
| Wire Range | 14-1AWG | 2.5mm ² -50mm ² | 6AWG-400MCM | 16mm ² -185mm ² | 3AWG-600MCM | 25-300mm ² |
| Torque | 106.2lb.-in. | 12Nm | 221lb.-in. | 25Nm | 310lb.-in. | 35Nm |
| Screw Type | Hex 5 | | Hex 10 | | Hex 10 | |
| No. of Outputs | 1 | 1 | 1 | 1 | 2 | 2 |
| Wire Range | 14-1AWG | 2.5mm ² -50mm ² | 6AWG-400MCM | 16mm ² -185mm ² | 3AWG-600MCM | 25-300mm ² |
| Torque | 106.2lb.-in. | 12Nm | 221lb.-in. | 25Nm | 310lb.-in. | 35Nm |
| Screw Type | Hex 5 | | Hex 10 | | Hex 10 | |

Dimensions:



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

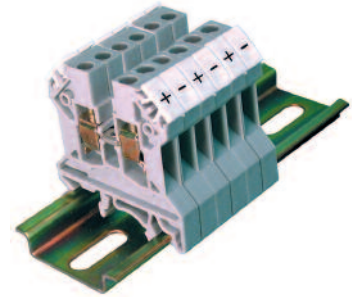
The current carrying part of the terminal blocks have the same material (according to DIN437134 and DIN43714) which is used for compensating cables in the temperature measurement circuit (up to 200°C).

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)

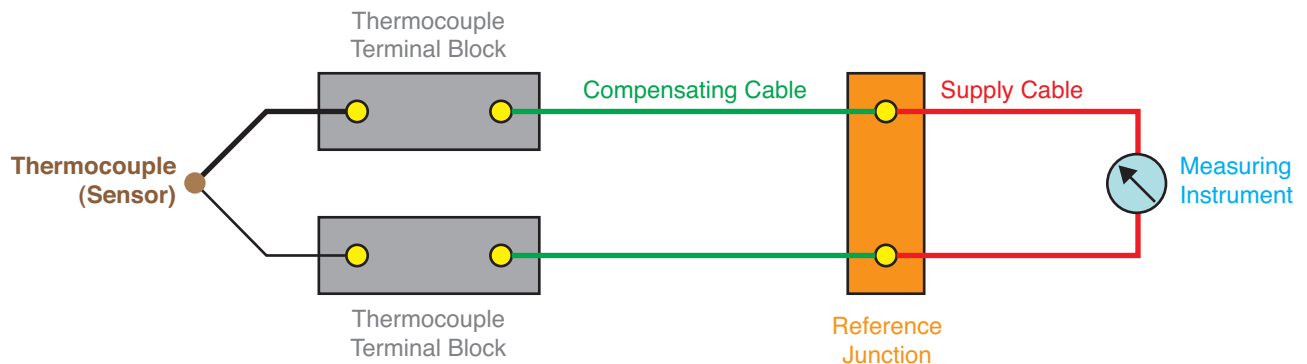


CTT2.5UK/J/T/E



| | |
|---------------------------|----------------|
| Terminal Width | 10 mm |
| Height x Length | 45 x 43 mm |
| Stripping Length | 9 mm |
| Insulation Material | Polyamide 6.6 |
| Current Carrying Material | * |
| Type of Connection | 4 screw clamps |
| Wire Range | 24-12 AWG |
| Voltage Rating | 300 V |
| Current Rating | 10 A |
| Torque | 7 lb-in |

| | Cat. No. | Std. Pk. |
|--|--|----------|
| Terminal Block | CTT2.5UK | 50 |
| | CTT2.5UJ | 50 |
| | CTT2.5UT | 50 |
| | CTT2.5UE | 50 |
| End Plate  | EP2.5/4UN | 50 |
| Isolation Plate  | PP2.5/4UN | 50 |
| DIN Rail <i>for ordering information refer to page 63</i> |  | |
| End Clamp  | CA802 | 100 |
| | CA702 | 100 |
| Marking Tags (MT Type)  | CA509/K5 | |



Indicator/ Diode Circuit

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.




| | |
|---------------------|--|
| Terminal Width | |
| Height x Length | |
| Terminal Voltage | |
| Stripping Length | |
| Insulation Material | |
| Approvals | |
| Wire Range | |
| Voltage Rating | |
| Current Rating | |
| Torque | |

Other Approvals


Terminal Block

End Plate 

DIN Rail for ordering information refer to page 70

End Stop for ordering information refer to page 72 

Internal Jumper  2 pole
3 pole
4 pole
10 pole

Current Bars  2 pole
3 pole
4 pole
10 pole
10 pole (breakable)
100 pole

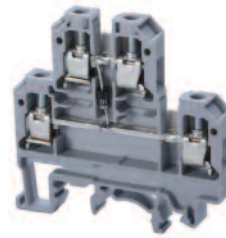
Shorting Sleeve & Screw 

Marking Tags 



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

| | |
|---------------------|---|
| Terminal Width | 6 mm |
| Height x Length | 54 x 55.5 mm |
| Terminal Voltage | 300 V~ |
| Stripping Length | 9 mm |
| Insulation Material | Polyamide 6.6 |
| Approvals |   |
| Wire Range | 22-10 AWG 0.5-4 sq.mm 22-10 AWG |
| Voltage Rating | 600 V 400 V 600 V |
| Current Rating | 25 A 32 A 35 A |
| Torque | 7 lb-in 0.5 Nm 7 lb-in |



| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | |
|-------------------|-----|
| CDL4U(E)D1 | 100 |
| CDL4U(E)D2 | 100 |

EPCDL4U 50



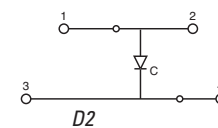
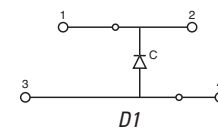
| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

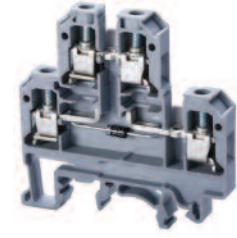
| | |
|------------|-----|
| CA703/1 | 100 |
| CA704/2 | 100 |
| CA705/3 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |

CA607/S/Q 100



MT2 100



CDL4U(E)D3



Diode circuit for reverse polarity protection

| | |
|---------------------|---|
| Terminal Width | 6 mm |
| Height x Length | 54 x 55.5 mm |
| Terminal Voltage | 300 V~ |
| Stripping Length | 9 mm |
| Insulation Material | Polyamide 6.6 |
| Approvals |   |
| Wire Range | 22-10 AWG 0.5-4 sq.mm 22-10 AWG |
| Voltage Rating | 600 V 400 V 600 V |
| Current Rating | 25 A 32 A 35 A |
| Torque | 7 lb-in 0.5 Nm 7 lb-in |



| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | |
|-------------------|-----|
| CDL4U(E)D3 | 100 |
|-------------------|-----|

EPCDL4U 50



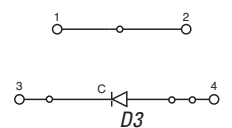
| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

| | |
|------------|-----|
| CA703/1 | 100 |
| CA704/2 | 100 |
| CA705/3 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |

CA607/S/Q 100










MT2 100



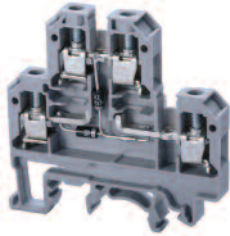
COLOR BLOCKS
(other than grey standard)

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



Diode circuit for lamp testing

6 mm

54 x 55.5 mm

300 V~

9 mm

Polyamide 6.6

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|--------------------|----------|
| CDL4U(E)DD1 | 100 |
| CDL4U(E)DD2 | 100 |
| EPCDL4U | 50 |



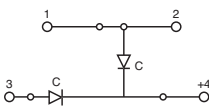
| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

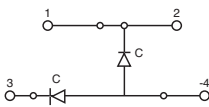
| | |
|------------|-----|
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |

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

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

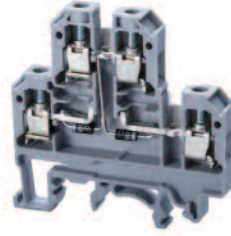


DD1



DD2

CDL4U(E)DD3/DD4



Diode circuit for lamp testing

6 mm

54 x 55.5 mm

300 V~

9 mm

Polyamide 6.6

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|--------------------|----------|
| CDL4U(E)DD3 | 100 |
| CDL4U(E)DD4 | 100 |
| EPCDL4U | 50 |



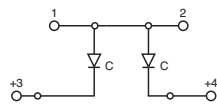
| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

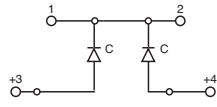
| | |
|------------|-----|
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |

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

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

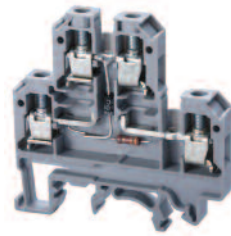


DD3



DD4

CDL4U(E)D4



Diode circuit for lamp testing with LED series resistance

6 mm

54 x 55.5 mm

12V~/24 V~

9 mm

Polyamide 6.6

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|-------------------|----------|
| CDL4U(E)D4 | 100 |
| EPCDL4U | 50 |



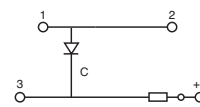
| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

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

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

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|



D4

CDL4U(E)DD5



Diode circuit for lamp testing with LED series resistance

6 mm

54 x 55.5 mm

12V~/24 V~

9 mm

Polyamide 6.6

| | | |
|-----------|-------------|-----------|
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|--------------------|----------|
| CDL4U(E)DD5 | 100 |
| EPCDL4U | 50 |



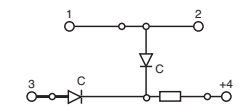
| | |
|-------|----|
| CA702 | 50 |
| CA802 | 50 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

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

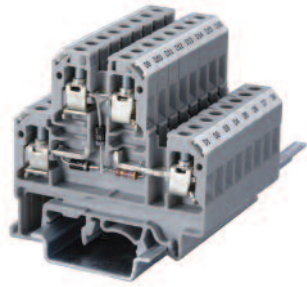
| | |
|-----------|-----|
| CA607/S/Q | 100 |
|-----------|-----|

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

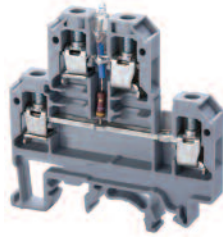


DD5

Indicator/ Diode Circuit

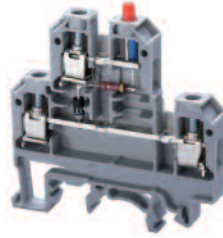


CDL4U(E)N1



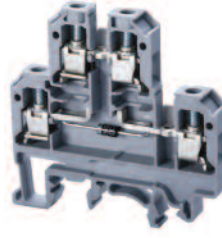
AC voltage indicator with neon lamp

CDL4U(E)LD5*



AC voltage indicator with LED

CDL4U(E)LD3*



AC/DC voltage indicator with LED

| | | | | | | | | | |
|---------------------|------------------|-------------|-----------|----------------------------|-------------|-----------|---------------|-------------|-----------|
| 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 | 110 V~ to 220 V~ | | | 24 V~, 48 V~, 120V~, 220V~ | | | 12 V~, 24 V~ | | |
| Stripping Length | 9 mm | | | 9 mm | | | 9 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| 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 |

Other Approvals



Terminal Block

| Cat. No. | Std. Pk. |
|------------|----------|
| CDL4U(E)N1 | 50 |

| Cat. No. | Std. Pk. |
|--------------|----------|
| CDL4U(E)LD5* | 50 |

| Cat. No. | Std. Pk. |
|--------------|----------|
| CDL4U(E)LD3* | 50 |

End Plate



| | |
|---------|----|
| EPCDL4U | 50 |
|---------|----|

| | |
|---------|----|
| EPCDL4U | 50 |
|---------|----|

| | |
|---------|----|
| EPCDL4U | 50 |
|---------|----|

DIN Rail
for ordering information
refer to page 70



End Stop
for ordering information
refer to page 72



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

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

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

Internal Jumper



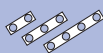
2 pole
3 pole
4 pole
10 pole

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

| | |
|----------|-----|
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |

Current Bars



2 pole
3 pole
4 pole
10 pole
10 pole (breakable)
100 pole

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

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

| | |
|------------|-----|
| 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 |
|-----------|-----|

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

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

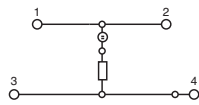
Marking Tags



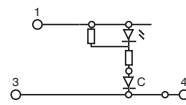
| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

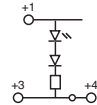
| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|



N1



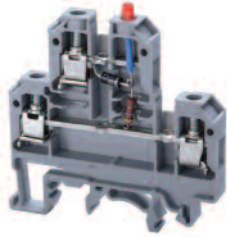
LD5



LD3

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

CDL4U(E)LD4*



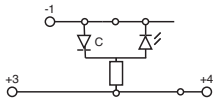
AC/DC voltage indicator with LED

| | | |
|---------------|-------------|-----------|
| 6 mm | | |
| 54 x 55.5 mm | | |
| 24V~, 48 V~ | | |
| 9 mm | | |
| Polyamide 6.6 | | |
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |

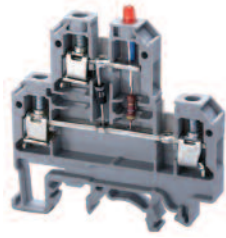


| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | |
|---------------------|-----|
| CDL4U(E)LD4* | 50 |
| EPCDL4U | 50 |
| CA702 | 50 |
| CA802 | 50 |
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |
| CA607/S/Q | 100 |
| MT2 | 100 |



CDL4U(E)LD1/LD2



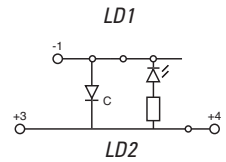
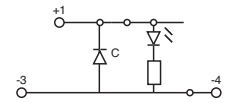
DC voltage indicator with LED

| | | |
|---------------|-------------|-----------|
| 6 mm | | |
| 54 x 55.5 mm | | |
| 24 V- | | |
| 9 mm | | |
| Polyamide 6.6 | | |
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |

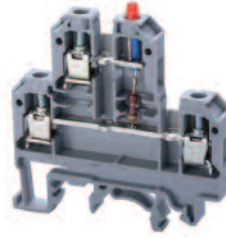


| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | |
|--------------------|-----|
| CDL4U(E)LD1 | 50 |
| CDL4U(E)LD2 | 50 |
| EPCDL4U | 50 |
| CA702 | 50 |
| CA802 | 50 |
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |
| CA607/S/Q | 100 |
| MT2 | 100 |



CDL4U(E)L1/L2*



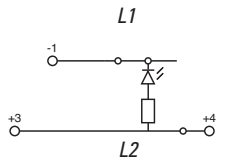
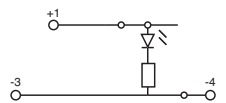
DC voltage indicator with LED

| | | |
|--------------------|-------------|-----------|
| 6 mm | | |
| 54 x 55.5 mm | | |
| 6 V-, 24 V-, 60 V- | | |
| 9 mm | | |
| Polyamide 6.6 | | |
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |

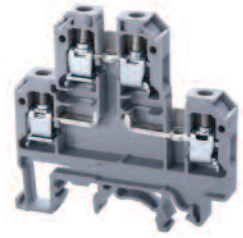


| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | |
|--------------------|-----|
| CDL4U(E)L1* | 50 |
| CDL4U(E)L2* | 50 |
| EPCDL4U | 50 |
| CA702 | 50 |
| CA802 | 50 |
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |
| CA607/S/Q | 100 |
| MT2 | 100 |



CDL4U(O)



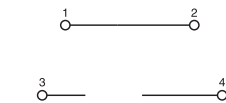
Electronic Component Carrier

| | | |
|---------------|-------------|-----------|
| 6 mm | | |
| 54 x 55.5 mm | | |
| | | |
| 9 mm | | |
| Polyamide 6.6 | | |
| | | |
| 22-10 AWG | 0.5-4 sq.mm | 22-10 AWG |
| 600 V | 400 V | 600 V |
| 25 A | 32 A | 35 A |
| 7 lb-in | 0.5 Nm | 7 lb-in |



| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

| | |
|-----------------|-----|
| CDL4U(O) | 100 |
| EPCDL4U | 50 |
| CA702 | 50 |
| CA802 | 50 |
| CA727/2 | 100 |
| CA727/3 | 100 |
| CA727/4 | 100 |
| CA727/10 | 10 |
| CA703/1 | 100 |
| CA704/1 | 100 |
| CA705/1 | 100 |
| CA732/10 | 100 |
| CA732/10-A | 100 |
| CA732/100 | 10 |
| CA607/S/Q | 100 |
| MT2 | 100 |



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

Surge Suppressor

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.

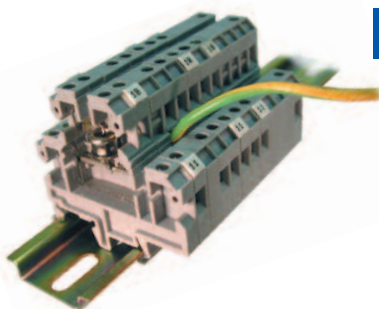
Note:
CDL4U(E)SDU - For D.C.
Application

CDL4U(E)SDB - For A.C.
Application

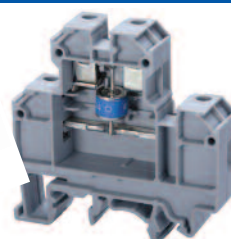
A - Anode

K - Cathode

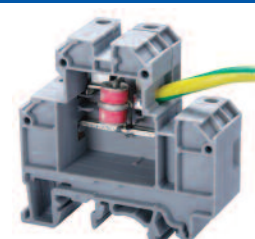
* Add required voltage to part number as a suffix i.e. CDL4U(E)LA/75 is for 75V.



CDL4U(E)LA



CDL4U(E)3LA



Lightning Arrestor

3 Pole Lightning Arrestor

| | | |
|---------------------------|-----------------------------|------------------------|
| 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 |
| 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 (8/20µs) | 10 KA (8/20µs) |
| 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. |
|-------------|---|---|

| Terminal Block | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|----------------|-----------------|----------|-----------------|----------|
| | CDL4U(E)LA75V | 20 | CDL4U(E)3LA90V | 20 |
| | CDL4U(E)LA90V | 20 | CDL4U(E)3LA230V | 20 |
| | CDL4U(E)LA230V | 20 | CDL4U(E)3LA350V | 20 |
| | CDL4U(E)LA600V | 20 | CDL4U(E)3LA600V | 20 |
| | CDL4U(E)LA1000V | 20 | | |

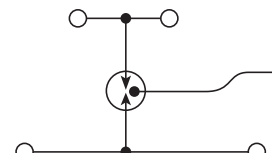
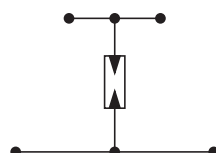
| | | | | |
|---|---------|----|---------|----|
| End Plate  | EPCDL4U | 50 | EPCDL4U | 50 |
|---|---------|----|---------|----|

DIN Rail for ordering information refer to page 70



| | | | | |
|--|----------------|----------|----------------|----------|
| End Stop for ordering information refer to page 72  | 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 |  |

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 (8/20µs)

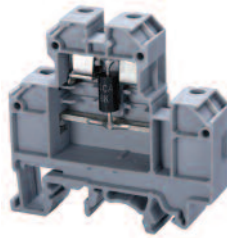
<25ns

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

–

1 ns DC / 5 ns AC

10A

–

For fine protection of data interfaces, 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 µf or 0.22 µf²

For protection of DC solenoid valves and contactors

| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

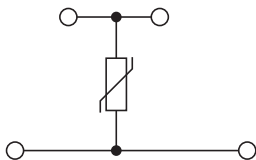
- | | |
|-----------------|----|
| CDL4U(E)MOV30V | 20 |
| CDL4U(E)MOV60V | 20 |
| CDL4U(E)MOV75V | 20 |
| CDL4U(E)MOV130V | 20 |
| CDL4U(E)MOV275V | 20 |
| CDL4U(E)MOV460V | 20 |
| CDL4U(E)MOV510V | 20 |
| CDL4U(E)MOV625V | 20 |
| CDL4U(E)MOV680V | 20 |

| | |
|---------|----|
| EPCDL4U | 50 |
|---------|----|



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

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|



| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

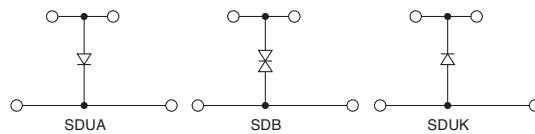
- | | |
|-----------------|----|
| CDL4U(E)SDUA15V | 20 |
| CDL4U(E)SDUA24V | 20 |
| CDL4U(E)SDUA48V | 20 |
| CDL4U(E)SDUK15V | 20 |
| CDL4U(E)SDUK24V | 20 |
| CDL4U(E)SDUK48V | 20 |
| CDL4U(E)SDB15V | 20 |
| CDL4U(E)SDB24V | 20 |
| CDL4U(E)SDB48V | 20 |
| CDL4U(E)SDB160V | 20 |

| | |
|---------|----|
| EPCDL4U | 50 |
|---------|----|



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

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|



| Cat. No. | Std. Pk. |
|----------|----------|
|----------|----------|

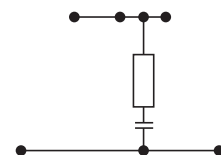
- | | |
|----------------|----|
| CDL4U(E)RC0.1 | 20 |
| CDL4U(E)RC0.22 | 20 |

| | |
|---------|----|
| 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 18-21 for fuse blocks.

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

** Phase to Phase / Phase to ground.

Mini Feed-Through 15mm

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.



| | CMT4 | | | CGMT4 | | |
|--|---|-----------------|-----------|-----------------|-----------------|-----------|
| Terminal Width | 6 mm | | | 6 mm | | |
| Height x Length | 29 x 27 mm | | | 28.5 x 27 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 | | |
| 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 | 300 V | 400 V | 300 V | | | |
| Current Rating | 35 A | 32 A | 35 A | | 32A | |
| Torque | 6 lb-in | 0.5 Nm | 7 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |
| Other Approvals | | | | | | |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |
| Terminal Block | CMT4 | 100 | | CGMT4 | 50 | |
| End Plate | EPCMT4 | 50 | | | | |
| Isolation Partition | PPCMT4 | 50 | | | | |
| DIN Rail for ordering information refer to page 70 | | | | | | |
| End Stop for ordering information refer to page 72 | CA602 | 100 | | | | |
| Internal Jumper | 2 pole | CA727/2 | 100 | | | |
| | 3 pole | CA727/3 | 100 | | | |
| | 4 pole | CA727/4 | 100 | | | |
| | 10 pole | CA727/10 | 10 | | | |
| Insulated Internal Jumper | 2 pole | CA747/2 | 100 | | | |
| | 3 pole | CA747/3 | 100 | | | |
| | 4 pole | CA747/4 | 100 | | | |
| | 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 | 100 | | | |
| | 10 pole | CA714/10 | 20 | | | |
| 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

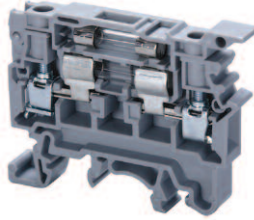
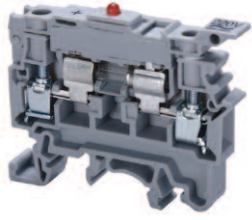











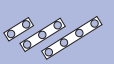

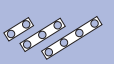

| Color | Ordering Suffix |
|------------|-----------------|
| Red | R |
| Blue | BU |
| Black | BL |
| Orange | O |
| Green | G |
| Yellow | Y |
| White | W |
| Beige | BG |
| Dark Brown | DB |

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 de-signed built-in circuit gives light indication in the event of fuse blow out.

† Fuses are sold separately Altech, see pages 23-24.

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

| | CSFL4U | | CSFL4U(L)* | |
|--|--|-----------------|---|-----------------|
| |  | |  | |
| | † Fuse not included. | | † Fuse not included. | |
| 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 | |
| LED Voltage | | | 24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC, 300V AC | |
| Type of Fuse Used | Ø5x20, Ø5x25mm | | Ø5x20, Ø5x25mm | |
| Approvals |  | |  | |
| Wire Range | 22-10 AWG | | 22-10 AWG | |
| Voltage Rating | 600 V | | 600 V | |
| Current Rating | 6.3 A | | 6.3 A | |
| Torque | 7 lb-in | | 7 lb-in | |
| Other Approvals |  | |  | |
| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
| Terminal Block | CSFL4U | 100 | CSFL4U(L)* | 100 |
| End Plate  | EPCSFL4U | 50 | EPCSFL4U | 50 |
| Isolation Partition  | PPCSFL4U | 50 | PPCSFL4U | 50 |
| DIN Rail for ordering information refer to page 70 |  | |  | |
| End Stop for ordering information refer to page 72  | CA602 | 100 | CA602 | 100 |
| Internal Jumper  | 2 pole | | | |
| | 3 pole | | | |
| | 4 pole | | | |
| | 10 pole | | | |
| Insulated Internal Jumper  | 2 pole | | | |
| | 3 pole | | | |
| | 4 pole | | | |
| | 10 pole | | | |
| Current Bars  | 2 pole | | | |
| | 3 pole | | | |
| | 4 pole | | | |
| | 10 pole | | | |
| | 10 pole (breakable) | | | |
| | 100 pole | | | |
| Shorting Sleeve & Screw  | | | | |
| External Jumper  | 2 pole | CA711/2 100 | 2 pole | CA711/2 100 |
| | 3 pole | CA711/3 50 | 3 pole | CA711/3 50 |
| | 4 pole | CA711/4 50 | 4 pole | CA711/4 50 |
| | 10 pole | CA711/10 20 | 10 pole | CA711/10 20 |
| Marking Tags (MT Type)  | MT8 | 100 | MT8 | 100 |
| (MT Type on Lever) | MT2 | 100 | MT2 | 100 |

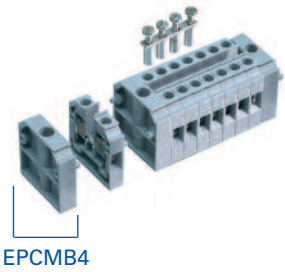
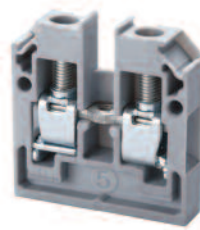
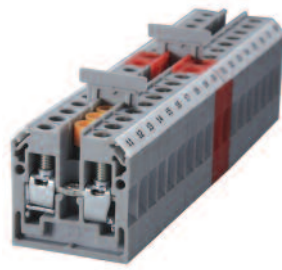
Mini Feed-Through Panel Mount

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 CMB4 accepts internal jumpers and standard marking tags.

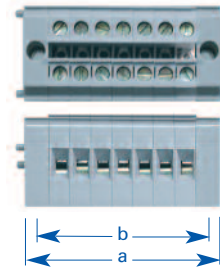
- Extremely compact and cost effective
- High density
- Screw-cage clamp
- Internal jumping provision
- Polyamide 6.6
- Standard color: gray



EPCMB4

| | | | |
|---------------------|---|-------------|-----------|
| 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 connect. | | |
| Approvals | C | | E220514 |
| 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 |
| Other Approvals | | | |

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

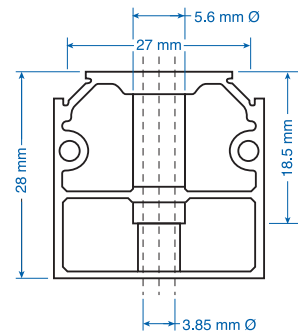


Dimensions mm (in.)
CMB4

Terminal Block

| Mounting Section | Cat. No. | Std. Pk. |
|---------------------------|--|---|
| EPCMB4 | 50 | |
| Separator Plate | SPCMB4 | 100 |
| Mounting Screw* | Any length M3 screw may be used. | |
| Internal Jumper | 2 pole 3 pole 4 pole 10 pole | CA727/2 100 CA727/3 100 CA727/4 100 CA727/10 10 |
| Insulated Internal Jumper | 2 pole 3 pole 4 pole 10 pole | CA747/2 100 CA747/3 100 CA747/4 100 CA747/10 10 |
| Current Bars | 2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole | 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 3 pole 4 pole 10 pole | CA714/2 100 CA714/3 100 CA714/4 100 CA714/10 20 |
| 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

* Any length M3 screw may be used.

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 |

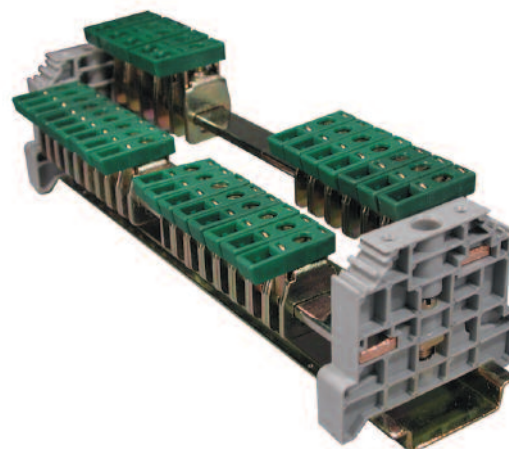
A quick reliable solution for ground, neutral or low voltage distribution applications. The Busbar System consists of a busbar, busbar supports, and screw clamp terminals for terminating wires

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 | 22-10 AWG | 0.5-6 sq.mm | 22-12 AWG | 10-4 AWG | 6-16 sq.mm | 10-6 AWG | 8-2 AWG | 10-35 sq.mm | 8-2 AWG |
| Current Rating* | 35 A | 41 A | | 80 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 |
| Other Approvals | | | | | | | | | |
| | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | | | |
| Terminal Block** | 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.

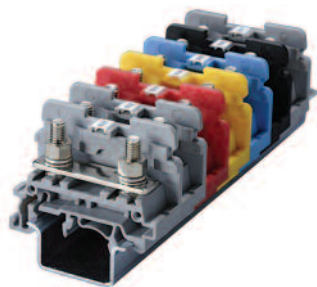
Stud Type Block

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.

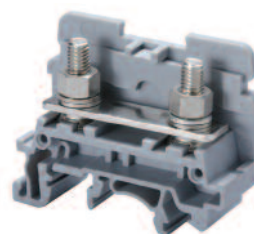
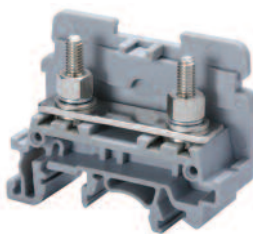
Jumpering can be achieved with the aid of external jumpers. The jumpers are insulated to make them shock proof. The terminal blocks have marker holding recess to accommodate MT type marking tags.

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 | 39.5 x 50 mm | | | 39.5 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 |

| | | | | | | |
|-----------------|--|--|--|--|--|--|
| Other Approvals | | | | | | |
|-----------------|--|--|--|--|--|--|

| | 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 70 | | |
|--|--|--|

| | | | | |
|--|-------|----|-------|----|
| End Stop for ordering information refer to page 72 | CA702 | 50 | CA702 | 50 |
| | 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 (MT Type) | MT2 | 100 | MT2 | 100 |
|------------------------|-----|-----|-----|-----|

COLOR BLOCKS
(other than grey standard)

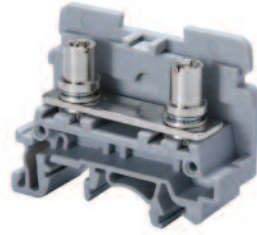
When ordering please add color suffix to Cat. No.





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 |

CSTSB4U

CSTSB5U




| | | | | | | |
|---------------------|--|--------------|----------|---|--------------|------------|
| Terminal Width | 17 mm | | | 17 mm | | |
| Height x Length | 39.5 x 50 mm | | | 39.5 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 |
| Other Approvals |  | | |  | | |

Terminal Block

| | | |
|---|-----------------|----|
| End Plate  | EPCSTN5U | 50 |
|---|-----------------|----|

DIN Rail for ordering information refer to page 70



| | | |
|--|-------|----|
| End Stop for ordering information refer to page 72  | CA702 | 50 |
| | CA802 | 50 |

| | | | |
|---|------------|-----------|-----|
| Protective Cover for covering  | 2 Terminal | CSTSPC1 | 100 |
| | 3 Terminal | CSTSPC1-1 | 100 |

| | | | |
|--|--------|-----------|----|
| Protective Cover in Length  | 100 mm | CSTSPC1-2 | 10 |
| | 200 mm | CSTSPC1-3 | 10 |
| | 300 mm | CSTSPC1-4 | 10 |

| | | | |
|---|-------|-----------|-----|
| Insulated Removable Jumpers  | 2 way | CA514/1-2 | 100 |
| | 3 way | CA514/1-3 | 50 |
| | 4 way | CA514/1-4 | 50 |

| | | | |
|---|-------|-----------|-----|
| Insulated Permanent Jumpers  | 2 way | CA514/3-2 | 100 |
| | 3 way | CA514/3-3 | 50 |
| | 4 way | CA514/3-4 | 50 |

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

Cat. No. Std. Pk.

| | |
|----------------|-----|
| CSTSB4U | 100 |
|----------------|-----|

| | |
|-----------------|----|
| EPCSTN5U | 50 |
|-----------------|----|

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

| | |
|-----------|-----|
| CSTSPC1 | 100 |
| CSTSPC1-1 | 100 |

| | |
|-----------|----|
| CSTSPC1-2 | 10 |
| CSTSPC1-3 | 10 |
| CSTSPC1-4 | 10 |

| | |
|-----------|-----|
| CA514/1-2 | 100 |
| CA514/1-3 | 50 |
| CA514/1-4 | 50 |

| | |
|-----------|-----|
| CA514/3-2 | 100 |
| CA514/3-3 | 50 |
| CA514/3-4 | 50 |

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

Cat. No. Std. Pk.

| | |
|----------------|-----|
| CSTSB5U | 100 |
|----------------|-----|

| | |
|-----------------|----|
| EPCSTN5U | 50 |
|-----------------|----|

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

| | |
|-----------|-----|
| CSTSPC1 | 100 |
| CSTSPC1-1 | 100 |

| | |
|-----------|----|
| CSTSPC1-2 | 10 |
| CSTSPC1-3 | 10 |
| CSTSPC1-4 | 10 |

| | |
|-----------|-----|
| CA514/1-2 | 100 |
| CA514/1-3 | 50 |
| CA514/1-4 | 50 |

| | |
|-----------|-----|
| CA514/3-2 | 100 |
| CA514/3-3 | 50 |
| CA514/3-4 | 50 |

| | |
|-----|-----|
| MT2 | 100 |
|-----|-----|

Hinge Type Stud Block

STH Series Terminal Blocks are preferred for application where the connections are subjected to severe vibration. The wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. The hinged carrier should be lifted to insert the lugs and then fastened to complete the connection.

By virtue of the hinged design, the Terminal Blocks apart from shrouding the live parts, providing IP 20 (Finger Safe) protection, saves considerable time in wiring.

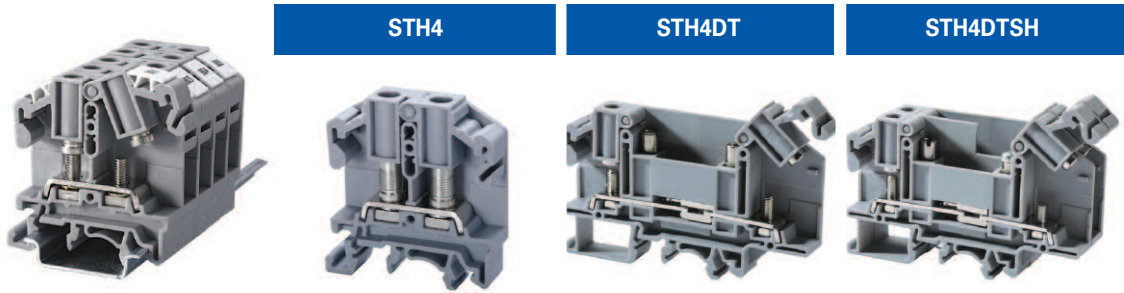
Two Lugs can be connected to the Terminal, without sacrificing the safety of the Terminal Block.

STH4DT Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

Socket Headed Screws act as test monitoring point on either side of the Terminal Block. Disconnection is achieved by means of a slide link operated with a Screw Driver.

STH4DTSH Terminal Block has 2 STH4DT Terminal Block shorted to achieve switchable cross connection (on one side).

Note: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link / moving the hinged carrier.



| | STH4 | | | STH4DT | | | STH4DTSH | | |
|-------------------------|------------------------|-----------------|----------|------------------------|-----------------|----------|------------------------|-----------------|----------|
| Terminal Width | 11 mm | | | 11 mm | | | 22 mm | | |
| Height x Length | 50.5 x 46 mm | | | 50.5 x 86 mm | | | 50.5 x 86 mm | | |
| Stripping Length | 10 mm | | | 10 mm | | | 10 mm | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 stud flat connection | | | 2 stud flat connection | | | 2 stud flat connection | | |
| Stud Size / Operated by | M4 / Screwdriver | | | M4 / Screwdriver | | | M4 / Screwdriver | | |
| Approvals | | | | | | | | | |
| Wire Range | 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG | 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG | 22-8 AWG | 1.5-6 sq.mm | 22-8 AWG |
| Voltage Rating | 600 V | 800 V | 600 V | 600 V | 800 V | 600 V | 600 V | 800 V | 300 V |
| Current Rating | 50 A | 41 A | 50 A | 50 A | 41 A | 35 A | 10 A | 10 A | 25 A |
| Torque | 14 lb-in | 1.2 Nm | 14 lb-in | 14 lb-in | 1.2 Nm | 14 lb-in | 14 lb-in | 1.2 Nm | 14 lb-in |
| Other Approvals | | | | | | | | | |
| | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | | Cat. No. | Std. Pk. | |

| Terminal Block | STH4 | 100 | STH4DT | 100 | STH4DTSH | 100 | |
|--|-------------------------|--|-----------------|--|-----------------|--|-----------------|
| End Plate | EPSTH4 | 50 | EPSTH4DT | 50 | EPSTH4DT | 50 | |
| DIN Rail for ordering information refer to page 70 | | | | | | | |
| End Stop for ordering info. refer to page 72 | CA702 CA802 | 100 50 | CA702 CA802 | 100 50 | CA702 CA802 | 100 50 | |
| Removable Shorting Link | 2 way 3 way 4 way | CA512/13-2 CA512/13-3 CA512/13-4 | 100 50 50 | CA512/13-2 CA512/13-3 CA512/13-4 | 100 50 50 | CA512/13-2 CA512/13-3 CA512/13-4 | 100 50 50 |
| Insulated Removable Shorting Link | 2 way 3 way 4 way | CA514/13-2 CA514/13-3 CA514/13-4 | 100 50 50 | CA514/13-2 CA514/13-3 CA514/13-4 | 100 50 50 | CA514/13-2 CA514/13-3 CA514/13-4 | 100 50 50 |
| Permanent Shorting Link | 2 way 3 way 4 way | CA512/14-2 CA512/14-3 CA512/14-4 | 100 50 50 | CA512/14-2 CA512/14-3 CA512/14-4 | 100 50 50 | CA512/14-2 CA512/14-3 CA512/14-4 | 100 50 50 |
| Insulated Permanent Jumpers | 2 way 3 way 4 way | CA514/14-2 CA514/14-3 CA514/14-4 | 100 50 50 | CA514/14-2 CA514/14-3 CA514/14-4 | 100 50 50 | CA514/14-2 CA514/14-3 CA514/14-4 | 100 50 50 |
| Marking Tags (K Type) | CA509/K10 | 100 | CA509/K10 | 100 | CA509/K10 | 100 | |

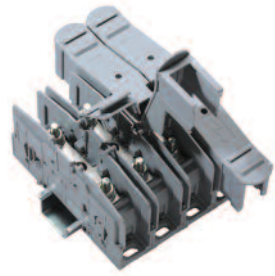
PTB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed Mounting Feet holds the Terminal Block rigidly on to the Mounting Rail.

Two Lugs of 35 sq.mm can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block. Hinged Protective Cover makes the Terminal Block shock proof (finger safe) and has marker recess to accept marking tag.

The Terminal Blocks can be stacked together by pressing the adjacent Terminal Blocks firmly*. In PTB35SH series Terminal Blocks, adjacent terminals can be shorted by removing a thin wall partition and using 2/3/4 way shorting link.

Optional Marker Holder MHPTB35 can be used for installing marking tags on the Terminal Blocks without protective covers.

* M3 Screw of desired length with nut can be used optionally to secure the stack.



PTB35



PTB35SH



| | | | | | | |
|---------------------|------------------------|-------------|----------|------------------------|-------------|----------|
| Terminal Width | 25 mm | | | 25 mm | | |
| Height x Length | 62 x 113 mm | | | 65 x 169 mm | | |
| Stripping Length | 18 mm / M6 | | | 18 mm / M6 | | |
| Insulation Material | Polyamide 6.6 | | | Polyamide 6.6 | | |
| Type of Connection | 2 bolts for connection | | | 2 bolts for connection | | |
| Approvals | UL ^① | | | UL ^① | | |
| Wire Range | 8-2 AWG | 16-35 sq.mm | 8-2 AWG | 8-2 AWG | 16-35 sq.mm | 8-2 AWG |
| Voltage Rating | 600 V | 1000 V | 600 V | 600 V | 1000 V | 600 V |
| Current Rating | 130 A | 125 A | 130 A | 130 A | 125 A | 130 A |
| Torque | 27 lb-in | 3.0 Nm | 27 lb-in | 27 lb-in | 3.0 Nm | 27 lb-in |

Other Approvals



Terminal Block

DIN Rail for ordering information refer to page 70

End Stop for ordering information refer to page 72

Protective Cover

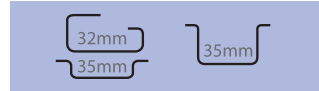
Marker Holder

Internal Jumper 2 way, 3 way, 4 way

Marking Tags (K Type)

Cat. No. Std. Pk.

PTB35 100



CA702 100
CA102 50
CA202 50

PSPTB35 40

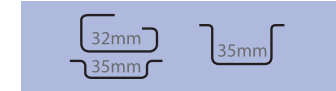
MHPTB35 40

CA703/9 10
CA704/9 10
CA705/9 10

CA509/K9 100

Cat. No. Std. Pk.

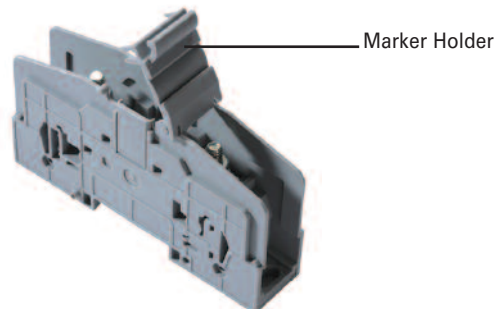
PTB35SH 100



CA702 100
CA102 50
CA202 50

CA703/9 10
CA704/9 10
CA705/9 10

CA509/K9 100



① UL recognition in progress.