

## 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 CTC4U Tab Connection terminals offer quick connection possibility. These terminal blocks are suited for standard 'Fast On' type lugs.

The connection is achieved by pushing the lug / ferrule onto the tab blade of the terminal block.

CTC4U is used primarily in railway systems.

A nice alternative to 'Fast On' style barrier strips.

## Mounting Handle

See page 91.



|                        | CTS2.5U-N                                         |               |           | CTS4U-N                                           |             |           | CTC4U                                                          |
|------------------------|---------------------------------------------------|---------------|-----------|---------------------------------------------------|-------------|-----------|----------------------------------------------------------------|
| Terminal Width         | 5 mm                                              |               |           | 6 mm                                              |             |           |                                                                |
| Height x Length        | 45 x 43 mm                                        |               |           | 45 x 43 mm                                        |             |           | 49.5 x 47 mm                                                   |
| Stripping Length       | 8 mm                                              |               |           | 8 mm                                              |             |           | 9 mm                                                           |
| Insulation Material    | Polyamide 6.6                                     |               |           | 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. |             |           | 5 tab connection points and 1 tapped hole for cross connection |
| Approvals              |                                                   |               |           |                                                   |             |           |                                                                |
| Wire Range             | 22-12 AWG                                         | 0.2-2.5 sq.mm | 22-12 AWG | 22-10 AWG                                         | 0.2-4 sq.mm | 22-10 AWG |                                                                |
| Rated Cross Section    |                                                   |               |           |                                                   |             |           | 0.25-4.0 sq.mm 24-12 AWG                                       |
| 1 conductor per clamp  |                                                   |               |           |                                                   |             |           | 0.25-2.5 sq.mm 24-12 AWG                                       |
| 2 same size conductors |                                                   |               |           |                                                   |             |           |                                                                |
| Voltage Rating         | 600 V                                             | 1000 V        | 600 V     | 600 V                                             | 1000 V      | 600 V     | 300 V                                                          |
| Current Rating         | 25 A                                              | 24 A          | 25 A      | 35/40 A*                                          | 32 A        | 35/40A*   | 32 A                                                           |
| Torque                 | 7 lb-in                                           | 0.4 Nm        | 7 lb-in   | 7 lb-in                                           | 0.5 Nm      | 7 lb-in   |                                                                |
| Tab Blade Size         |                                                   |               |           |                                                   |             |           | 6.3 x 0.8                                                      |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |  |          |          |  |          |          |  |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|----------|----------|--|----------|----------|--|
| Other Approvals |              |          |  |          |          |  |          |          |  |
|                 | Cat. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Std. Pk. |  | Cat. No. | Std. Pk. |  | Cat. No. | Std. Pk. |  |

|                |           |     |           |     |         |     |
|----------------|-----------|-----|-----------|-----|---------|-----|
| Terminal Block | CTS2.5U-N | 100 | CTS4U-N   | 100 | CTS4U   | 100 |
| End Plate      | EP2.5/4UN | 50  | EP2.5/4UN | 50  | EPCTC4U | 50  |

|                     |           |     |           |     |  |  |
|---------------------|-----------|-----|-----------|-----|--|--|
| Isolation Partition | PP2.5/4UN | 50  | PP2.5/4UN | 50  |  |  |
| Separator Plate     | SP2.5/4UN | 100 | SP2.5/4UN | 100 |  |  |

|                                                        |  |  |  |  |  |  |
|--------------------------------------------------------|--|--|--|--|--|--|
| DIN Rail for ordering information refer to pages 90-91 |  |  |  |  |  |  |
|--------------------------------------------------------|--|--|--|--|--|--|

|                                              |       |    |       |    |       |    |
|----------------------------------------------|-------|----|-------|----|-------|----|
| End Stop for ordering info. refer to page 92 | CA702 | 50 | CA702 | 50 | CA702 | 50 |
|                                              | CA802 | 50 | CA802 | 50 | CA802 | 50 |

|                 |          |           |     |           |     |          |     |
|-----------------|----------|-----------|-----|-----------|-----|----------|-----|
| Internal Jumper | 2 pole   | CA721/2   | 100 | CA722/2   | 100 | CA727/2  | 100 |
|                 | 3 pole   | CA721/3   | 50  | CA722/3   | 50  | CA727/3  | 50  |
|                 | 4 pole   | CA721/4   | 50  | CA722/4   | 50  | CA727/4  | 50  |
|                 | 10 pole  | CA721/10  | 10  | CA722/10  | 10  | CA727/10 | 10  |
|                 | 100 pole | CA721/100 | 10  | CA722/100 | 10  |          |     |

|                           |          |           |     |           |     |          |     |
|---------------------------|----------|-----------|-----|-----------|-----|----------|-----|
| Insulated Internal Jumper | 2 pole   | CA741/2   | 100 | CA742/2   | 100 | CA747/2  | 100 |
|                           | 3 pole   | CA741/3   | 50  | CA742/3   | 50  | CA747/3  | 50  |
|                           | 4 pole   | CA741/4   | 50  | CA742/4   | 50  | CA747/4  | 50  |
|                           | 10 pole  | CA741/10  | 10  | CA742/10  | 10  | CA747/10 | 10  |
|                           | 100 pole | CA741/100 | 10  | CA742/100 | 10  |          |     |

|              |                     |           |     |            |     |            |     |
|--------------|---------------------|-----------|-----|------------|-----|------------|-----|
| Current Bars | 2 pole              | CA703/01  | 100 | CA703/01   | 100 | CA703/1    | 100 |
|              | 3 pole              | CA704/01  | 100 | CA704/01   | 100 | CA704/1    | 100 |
|              | 4 pole              | CA705/01  | 100 | CA705/01   | 100 | CA705/1    | 100 |
|              | 10 pole             | CA731/10  | 100 | CA732/10   | 100 | CA732/10   | 100 |
|              | 10 pole (breakable) | —         |     | CA732/10-A | 100 | CA732/10-A | 100 |
|              | 100 pole            | CA731/100 | 10  | CA732/100  | 10  | CA732/100  | 10  |

|                         |  |               |     |               |     |              |     |
|-------------------------|--|---------------|-----|---------------|-----|--------------|-----|
| Shorting Sleeve & Screw |  | CA 707/S/Q/01 | 100 | CA 707/S/Q/01 | 100 | CA807/S/Q/01 | 100 |
|-------------------------|--|---------------|-----|---------------|-----|--------------|-----|

|                 |         |          |     |          |     |             |     |
|-----------------|---------|----------|-----|----------|-----|-------------|-----|
| External Jumper | 2 pole  | CA717/2  | 100 | CA714/2  | 100 | CA707/TS/01 | 100 |
|                 | 3 pole  | CA717/3  | 100 | CA714/3  | 100 |             |     |
|                 | 4 pole  | CA717/4  | 100 | CA714/4  | 100 |             |     |
|                 | 10 pole | CA717/10 | 25  | CA714/10 | 25  |             |     |

|             |  |  |  |  |  |             |     |
|-------------|--|--|--|--|--|-------------|-----|
| Test Socket |  |  |  |  |  | CA707/TS/01 | 100 |
|-------------|--|--|--|--|--|-------------|-----|

|              |  |     |     |     |     |     |     |
|--------------|--|-----|-----|-----|-----|-----|-----|
| Marking Tags |  | MT5 | 100 | MT6 | 100 | MT6 | 100 |
|--------------|--|-----|-----|-----|-----|-----|-----|

| COLOR BLOCKS                                      |                 |  |
|---------------------------------------------------|-----------------|--|
| (other than standard grey)                        |                 |  |
| When ordering please add color suffix to Cat. No. |                 |  |
| Example for color Red: Cat.No./R                  |                 |  |
| Color                                             | Ordering Suffix |  |
| Red                                               | R               |  |
| Yellow                                            | Y               |  |
| Blue                                              | BU              |  |
| Green                                             | G               |  |
| Consult Altech for availability:                  |                 |  |
| Orange                                            | O               |  |
| Beige                                             | BG              |  |
| Dark Brown                                        | DB              |  |
| Black                                             | BL              |  |
| White                                             | W               |  |

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