## **Techna** TERMINALS

## **Multipole Strip Terminal Blocks**

Ttec CMST1 Series 2.5mm<sup>2</sup> Terminal Blocks can be mounted directly on to panel surfaces with fixing screws. They are available from 2 to 12 pole configurations.

Ttec CMST1 Multipole Strips can also be fixed on the edge of transformer plates / panels with the Ttec FPCMST Fixing Plate.

Cross connection can be achieved with the aid of insulated side shorting links.

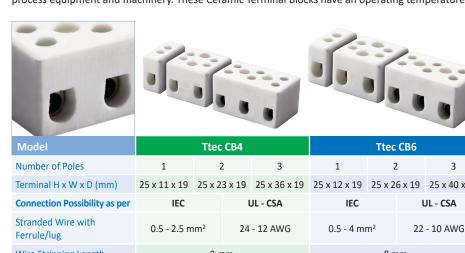




| Model                                   | Ttec CMST1                |             |  |  |  |  |
|---|---------------------------|-------------|--|--|--|--|
| Width (Thickness) x Length              | 15 x 110 mm               |             |  |  |  |  |
| Height                                  | 16.5 mm                   |             |  |  |  |  |
| Housing Material                        | Melamine                  |             |  |  |  |  |
| Connection Possibility as per           | IEC                       | UL - CSA    |  |  |  |  |
| Stranded Wire                           | 0.2 - 2.5 mm <sup>2</sup> | 22 - 14 AWG |  |  |  |  |
| Solid Wire                              | 0.2 - 4 mm <sup>2</sup>   | 22 - 10 AWG |  |  |  |  |
| Wire Stripping Length                   | 9 mm                      |             |  |  |  |  |
| Type of Connection                      | Screw Clamp Side Entry    |             |  |  |  |  |
| Maximum Operating Temperature           | 130°C                     |             |  |  |  |  |
| Ratings as per                          | IEC60947-7-1              | CSA22.2-158 |  |  |  |  |
| Voltage                                 | 400 V                     | 300 V       |  |  |  |  |
| Current                                 | 24 A                      | 20 A        |  |  |  |  |
| Torque                                  | 0.4 Nm                    | 4.5 lb-in   |  |  |  |  |
| Certification                           | IFCEE C                   | €           |  |  |  |  |
| Rated Impulse Voltage/ Pollution Degree | 4 K                       | V/3         |  |  |  |  |

## **Ceramic Terminal Blocks**

Ttec CB Series Ceramic Terminal Blocks are used in extremely high temperature applications such as hot melt glue guns, furnaces, heaters, process equipment and machinery. These Ceramic Terminal Blocks have an operating temperature range of -40°C to 650°C.



| Model                                      |                         | Ttec CB4                         |              | Ttec CB6                |                   |              | Ttec CB16               |                  |              |  |
|--|-------------------------|----------------------------------|--------------|-------------------------|-------------------|--------------|-------------------------|------------------|--------------|--|
| Number of Poles                            | 1                       | 2                                | 3            | 1                       | 2                 | 3            | 2                       |                  | 3            |  |
| Terminal H x W x D (mm)                    | 25 x 11 x 19            | 25 x 23 x 19                     | 25 x 36 x 19 | 25 x 12 x 19            | 25 x 26 x 19      | 25 x 40 x 19 | 28 x 30 x 2             | 23 28            | 28 x 48 x 23 |  |
| Connection Possibility as per              | IEC                     |                                  | UL - CSA     | IEC L                   |                   | UL - CSA     | CSA IEC                 |                  | UL - CSA     |  |
| Stranded Wire with Ferrule/lug             | 0.5 - 2.5 m             | ım² 24                           | l - 12 AWG   | 0.5 - 4 m               | m <sup>2</sup> 22 | ? - 10 AWG   | 1.5 - 10 mi             | m <sup>2</sup> 2 | 22 - 6 AWG   |  |
| Wire Stripping Length                      | 8 mm                    |                                  |              | 8 mm                    |                   |              | 8 mm                    |                  |              |  |
| Type of Connection                         | Screw clamp connections |                                  |              | Screw clamp connections |                   |              | Screw clamp connections |                  |              |  |
| Operating Temp. Range                      | -40°C to 650°C          |                                  |              | -40°C to 650°C          |                   |              | -40°C to 650°C          |                  |              |  |
| Ratings as per                             | IEC60947-7-1            | UL-1059                          | CSA22.2-158  | IEC60947-7-1            | UL-1059           | CSA22.2-158  | IEC60947-7-1            | UL-1059          | CSA22.2-158  |  |
| Voltage                                    | 800 V                   | 300 V                            | 300 V        | 800 V                   | 300 V             | 300 V        | 800 V                   | 300 V            | 300 V        |  |
| Current                                    | 24 A                    | 20 A                             | 30 A         | 32 A                    | 30 A              | 40 A         | 57 A                    | 65 A             | 76 A         |  |
| Torque                                     | 0.4 Nm                  | 6 lb-in                          | 7 lb-in      | 0.5 Nm                  | 6 lb-in           | 7 lb-in      | 1.2 Nm                  | 12 lb-in         | 14 lb-in     |  |
| Certification                              | IEĈEE                   | ( <b>₹</b> • <b>₹</b> • <b>1</b> | us 🐠 🖫       | IFCEE                   | <b>(R</b> ₃ ):    | us 🐠 .       | <u>IEĈEE</u>            | <b>€</b> ₽       | us 🖭         |  |
| Rated Impulse Voltage/<br>Pollution Degree | 4 KV/3                  |                                  |              | 4 KV/3                  |                   |              | 4 KV/3                  |                  |              |  |