

Techna TTEC TERMINALS



AEx eII Ex eII

AEx eII Ex eII



| Ttec CGT6N | | | Ttec CGT10U | | | Ttec CGT35U | | | Ttec CGMT4 | | |
|--|-----------------------|----------|--|------------------------|----------|--|-----------------------|----------|--|-----------------------|-----------|
| 8 mm | | | 10 mm | | | 16 mm | | | 6 mm | | |
| 47 x 54.5 mm | | | 50 x 45 mm | | | 61.5 x 58 mm | | | 28.5 x 27 mm | | |
| 1.5 to 6 mm ² | | | 0.5 to 10 mm ² | | | 10 to 35 mm ² | | | 0.5 to 4 mm ² | | |
| 1.5 to 10 mm ² | | | 0.5 to 16 mm ² | | | 10 to 50 mm ² | | | 0.5 to 6 mm ² | | |
| 12 mm | | | 12 mm | | | 18 mm | | | 9 mm | | |
| Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | | Polyamide 6.6 | | |
| 2 screw clamps and grounding through central screw | | | 2 screw clamps and grounding through central screw | | | 2 screw clamps and grounding through central screw | | | 2 screw clamps and grounding through central screw | | |
| | | | | | | | | | | | |
| 22-8 AWG | 1.5-6 mm ² | 22-8 AWG | 22-6 AWG | 1.5-10 mm ² | 16-8 AWG | 8-2 AWG | 10-35 mm ² | 8-2 AWG | 22-10 AWG | 0.5-4 mm ² | 22-12 AWG |
| 800V | | | 800V | | | 800V | | | 400V | | |
| 8kV/3 | | | 8kV/3 | | | 8kV/3 | | | 4kV/3 | | |
| | 41 A | | | 57 A | | | 125 A | | | 32 A | |
| 14 lb-in | 0.8 Nm | 14 lb-in | 14 lb-in | 1.2 Nm | 14 lb-in | 25 lb-in | 2.5 Nm | 25 lb-in | 7 lb-in | 0.5 Nm | 7 lb-in |
| Cat No. | Std. Pack | | Cat No. | Std. Pack | | Cat No. | Std. Pack | | Cat No. | Std. Pack | |
| CGT6N | 50 | | CGT10U | 50 | | CGT35U | 20 | | CGMT4 | 100 | |
| | | | | | | EPCGT4U | 50 | | | | |
| | | | CA501 | 50 m | | CA501 | 50 m | | | | |
| CA701 | 50 m | | CA701 | 50 m | | | | | | | |
| CA701-15 | 50 m | | CA701-15 | 50 m | | CA701-15 | 50 m | | CA601 | 50 m | |
| CA509/K8 | 100 | | CA509/K10 | 100 | | CA509/K15 | 100 | | CA509/K2 | 100 | |

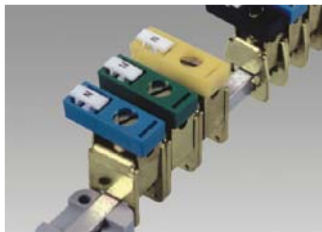
Neutral/Earth Clamp Connection

CERTAIN electrical systems require proper termination of neutral/earth conductors to a conveniently located bus bar. Techna **CENC4**, **CENC16**, **CENC35** with bus bar supports are ideal for such application. NEB10 (10 x 3 mm) and NEB6 (6 x 6 mm), tin/nickel plated copper busbar are available in one metre lengths.

NES plastic supports with fixing screws for holding 10 x 3 & 6 x 6 busbar makes the mounting of the busbar an quick task. Bus bar up to 200mm length can be supported using two busbar supports. For busbars exceeding 200 mm length, we advise the use of additional intermediate busbar supports.

Easy to operate CENC clamp secures the wire to the bus bar. Techna offers CENC4/16/35 connections with marking tag recess, for easy identification of neutral and earth connections. Choice of green (standard), blue, grey and black colour caps are available.

- Current carrying capacity of the bus bar should be taken into account when connecting loads. The NEB6 busbar is rated at 140A maximum via end feed.



| Model | | Ttec CENC4 | | | Ttec CENC16 | | | Ttec CENC35 | | |
|--|------------------------|---------------------------|-----------------------|-----------|--------------------------|----------------------|------------|--------------------------|------------------------|-----------|
| Terminal Block Pitch | | 7.5 mm | | | 9.8 mm | | | 14.5 mm | | |
| Height x Width | | 30 x 23.3 mm | | | 36 x 23.3 mm | | | 45 x 27.3 mm | | |
| Conn. | Stranded Wire | 0.5 to 6 mm ² | | | 6 to 16 mm ² | | | 10 to 35 mm ² | | |
| | Possibility Solid Wire | 0.5 to 10 mm ² | | | 6 to 25 mm ² | | | 10 to 50 mm ² | | |
| 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 | | |
| Certification | | | | | | | | | | |
| Rated Cross Section | | 22-10 AWG | 0.5-6 mm ² | 22-12 AWG | 10-4 AWG | 6-16 mm ² | 10-6 AWG | 8-2 AWG | 10.3.5 mm ² | 8-2 AWG |
| Voltage Rating | | 800V | | | 800V | | | 800V | | |
| Rated Impulse Voltage/Pollution Degree | | 8kV/3 | | | 8kV/3 | | | 8kV/3 | | |
| Current Rating | | 35A | 41 A | | 80 A | 76 A | | 125 A | 125 A | |
| Torque | | 14 lb-in | 0.8 Nm | 14 lb-in | 14 lb-in | 2 Nm | 17.5 lb-in | 25 lb-in | 2.5 Nm | 25 lb-in |
| | | Cat No. | | Std. Pack | Cat No. | | Std. Pack | Cat No. | | Std. Pack |
| Terminal Block | | CENC4 | | 50 | CENC16 | | 50 | CENC35 | | 50 |
| Bus Bar (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 | | CA202 | | 50 | CA202 | | 50 | CA202 | | 50 |
| Marking Tags | | CA509/K5 | | 100 | CA509/K6 | | 100 | CA509/K6 | | 100 |