

Terminal TYPE Product Specification : Technical Data Sheet



| | Terminal 4C4 | Terminal 6C4 | Terminal TR44 | Terminal TS44 |
|-----------------------------|--|--------------|---------------|---------------|
| mm22 | 2.5 | 2.5 | 2.5 | 2.5 |
| AWG | 13~12 | 13~12 | 13~12 | 13~12 |
| Connection Method | Insulation Displacement & Multiple Connection(IDMC) Technology | | | |
| Wire type | Solid/Stranded | | | |
| Waterproof Status(IP) | Water Resistant [IP 65 : When using JOWX(waterproof housing)] | | | |
| Measured Voltage EN(V) | 100~600 | 100~600 | 100~600 | 100~600 |
| Connector Type | Terminal Block / Terminal | | | |
| Measured shock voltage (KV) | 12 | 12 | 12 | 12 |
| Contact Resistance (Ohm) | 0.001 | 0.001 | 0.001 | 0.001 |
| Current (A) | 20 | 20 | 20 | 20 |
| Tensile Strength (NT) | - | - | 88 | 60 |
| Weight (g) | 6.3 | 10.8 | 14 | 14 |
| Color | Grey | Grey | Transparent | Transparent |
| Height (a : mm) | 9.95 | 10 | 8.75 | 8.75 |
| Width (b : mm) | 27.8 | 14.9 | 8 | 8 |
| Width (T-type) (d : mm) | | | | |
| Length (c : mm) | 37.3 | 37.3 | 28.95 | 26.15 |
| Terminal Width (mm) | 1.6 | 1.6 | 1.6 | 1.6 |
| Hole Size (mm) | 3.73 | 3.73 | 3.95 | 3.95 |
| Contact Points | 3.75 | 3.75 | 4 | 4 |
| Metal Thickness | 0.7 | 0.7 | 0.7 | 0.7 |
| Plastic Material | | | | |
| Terminal Material | | | | |
| Temperature Tolerance | | | | |
| RoHS | | | | |

I TYPE Product Specification : Technical Data Sheet



| | I-1 | I-2 | I-3 | I-4 | I-5 |
|-----------------------------|--|----------|---------|---------|---------|
| mm22 | 0.3~0.5 | 0.75 | 1.5 | 2.5 | 4 |
| AWG | 23~20 | 19~18 | 16~14 | 13~12 | 11~10 |
| Connection Method | Insulation Displacement & Multiple Connection(IDMC) Technology | | | | |
| Wire type | Solid/Stranded | | | | |
| Waterproof Status(IP) | Water Resistant [IP 65 : When using JOWX(waterproof housing)] | | | | |
| Measured Voltage EN(V) | 12~24 | 100~600 | 100~600 | 100~600 | 100~600 |
| Connector Type | Straight | | | | |
| Measured shock voltage (KV) | 1.8 | 6 | 9 | 12 | 18 |
| Contact Resistance (Ohm) | — | 0.0003 | 0.0001 | 0.0018 | 0.0016 |
| Current (A) | 3 | 10 | 15 | 20 | 25 |
| Tensile Strength (NT) | 45 | 55 | 85 | 120 | 140 |
| Weight (g) | 0.8 | 1 | 2.1 | 2.5 | 4.4 |
| Color | White | Charcoal | Yellow | Green | Orange |
| Height (a : mm) | 6 | 6.9 | 7.5 | 7.8 | 10.8 |
| Width (b : mm) | 5.7 | 6.3 | 7.2 | 7.7 | 10.5 |
| Width (T-type) (d : mm) | | | | | |
| Length (c : mm) | 25 | 30 | 30 | 36 | 40 |
| Terminal Width (mm) | 0.2 | 0.5 | 1.1 | 1.6 | 2.1 |
| Hole Size (mm) | 1.5 | 2.2 | 3 | 3.75 | 4.5 |
| Contact Points | 4 | 4 | 9 | 9 | 9 |
| Metal Thickness | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 |
| Plastic Material | Polycarbonate (Flame Retardant) | | | | |
| Terminal Material | Copper Alloy | | | | |
| Temperature Tolerance | -40 ~ 90 °C | | | | |
| RoHS | Compliant | | | | |

T TYPE Product Specification : Technical Data Sheet



| | T-1 | T-2 | T-3 | T-4 | T-5 | T-21 |
|-----------------------------|--|----------|---------|---------|---------|---------------|
| mm22 | 0.3~0.5 | 0.75 | 1.5 | 2.5 | 4 | 0.75/0.3~0.5 |
| AWG | 23~20 | 19~18 | 16~14 | 13~12 | 11~10 | 19~18/23~20 |
| Connection Method | Insulation Displacement & Multiple Connection(IDMC) Technology | | | | | |
| Wire type | Solid/Stranded | | | | | |
| Waterproof Status(IP) | Water Resistant [IP 65 : When using JOWX(waterproof housing)] | | | | | |
| Measured Voltage EN(V) | 12~24 | 100~600 | 100~600 | 100~600 | 100~600 | 12~24/100~600 |
| Connector Type | T-joint | | | | | |
| Measured shock voltage (KV) | 1.8 | 6 | 9 | 12 | 18 | 1.8 |
| Contact Resistance (Ohm) | — | 0.0033 | 0.0009 | 0.0009 | 0.0023m | 0.001 |
| Current (A) | 3 | 10 | 15 | 20 | 25 | 3 |
| Tensile Strength (NT) | 40 | 65 | 75 | 120 | 160 | 40/85 |
| Weight (g) | 1 | 1.6 | 2.9 | 3.3 | 5.7 | 0.9 |
| Color | White | Charcoal | Yellow | Green | Orange | Grey |
| Height (a : mm) | 5.8 | 6.9 | 7.5 | 7.8 | 10.8 | 6.3 |
| Width (b : mm) | 5.7 | 6.3 | 7.2 | 7.7 | 10.5 | 5.4 |
| Width (T-type) (d : mm) | 14 | 16.1 | 15.7 | 18 | 20 | 11.5 |
| Length (c : mm) | 25.6 | 30.9 | 30.9 | 37.6 | 41.8 | 22.8 |
| Terminal Width (mm) | 0.2 | 0.5 | 1.1 | 1.6 | 2.1 | 0.5/0.2 |
| Hole Size (mm) | 1.5 | 2.2 | 3 | 3.75 | 4.5 | 2.2/1.5 |
| Contact Points | 40.3 | 4 | 9 | 9 | 9 | 4 |
| Metal Thickness | 0.4 | 0.5 | 0.5 | 0.5 | 0.3 | |
| Plastic Material | Polycarbonate (Flame Retardant) | | | | | |
| Terminal Material | Copper Alloy | | | | | |
| Temperature Tolerance | -40 ~ 90 °C | | | | | |
| RoHS | Compliant | | | | | |

DI TYPE Product Specification : Technical Data Sheet



| | DI-1 | DI-2 | DI-21 |
|-----------------------------|--|----------|---------------|
| mm22 | 0.3~0.5 | 0.75 | 0.75/0.3~0.5 |
| AWG | 23~20 | 19~18 | 19~18/23~20 |
| Connection Method | Insulation Displacement & Multiple Connection(IDMC) Technology | | |
| Wire type | Solid/Stranded | | |
| Waterproof Status(IP) | Water Resistant [IP 65 : When using JOWX(waterproof housing)] | | |
| Measured Voltage EN(V) | 12~24 | 12~24 | 12~24/100~600 |
| Connector Type | Double Straight | | |
| Measured shock voltage (KV) | 1.8 | 6 | 1.8 |
| Contact Resistance (Ohm) | — | 0.001 | 0.001 |
| Current (A) | 3 | 10 | 3 |
| Tensile Strength (NT) | 60 | 85 | 60/85 |
| Weight (g) | 1.5 | 3.5 | 2.5 |
| Color | White | Charcoal | Grey |
| Height (a : mm) | 5.1 | 6.1 | 6.2 |
| Width (b : mm) | 8.5 | 10.5 | 10.3 |
| Width (T-type) (d : mm) | | | |
| Length (c : mm) | 18 | 22.8 | 19.7 |
| Terminal Width (mm) | 0.2 | 0.5 | 0.5/0.2 |
| Hole Size (mm) | 1.5 | 2.2 | 2.2/1.5 |
| Contact Points | 4 | 4 | 4 |
| Metal Thickness | 0.3 | 0.4 | 0.3 |
| Plastic Material | Polycarbonate (Flame Retardant) | | |
| Terminal Material | Copper Alloy | | |
| Temperature Tolerance | -40 ~ 90 °C | | |
| RoHS | Compliant | | |