INSULATED FLEXIBLE COPPER BRAIDED LINKS

TYPE: GTI

FEATURES

- Supplied in a variety of lengths
- Easy & quick shaping due to flexibility
- No cutting, stripping or crimping required
- Max rated voltage 1000VAC / 1500VDC up to 630 Amps
- UL certified





DESCRIPTION

Teknomega insulated flexible copper braided links are manufactured in tinned copper braid (Cu-ETP). The braid being made of 0.15mm² copper wire and coated with an extruded PVC insulation which gives excellent electrical insulation even in the presence of aggressive temperatures and environments. The end connection terminals are made of pressed tinned copper tube and are designed with respect to the hole sizes being compatible with most switchgear equipment on the market and connection to a wider bus-bar distribution systems. Supplied in a variety of lengths and rating sizes, these flexible links are an ideal alternative to cable.

ORDERING INFORMATION

| P/No | Section mm² | Recommended for Use With Switch Size | Dimensions mm | | | | | | | | |
|---------|----------------|---|---------------|----|----|-----|-----|------|------|-----|------------|
| | | | L | В | Н | L1 | L2 | d1 | d2 | S | Insulation |
| GTI1000 | 25 | 125 Amps | 230 | 20 | 20 | 7.5 | 7.5 | 8.5 | 10.5 | 3.5 | 1.0 |
| GTI1005 | 25 | 125 Amps | 330 | 20 | 20 | 7.5 | 7.5 | 8.5 | 10.5 | 3.5 | 1.0 |
| GTI1010 | 25 | 125 Amps | 430 | 20 | 20 | 7.5 | 7.5 | 8.5 | 10.5 | 3.5 | 1.0 |
| GTI1025 | 35 | 160 Amps | 230 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 4.2 | 1.0 |
| GTI1030 | 35 | 160 Amps | 330 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 4.2 | 1.0 |
| GTI1035 | 35 | 160 Amps | 430 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 4.2 | 1.0 |
| GTI1050 | 50 | 250 Amps | 230 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 5 | 1.2 |
| GTI1055 | 50 | 250 Amps | 330 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 5 | 1.2 |
| GTI1060 | 50 | 250 Amps | 430 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 5 | 1.2 |
| GTI1065 | 50 | 250 Amps | 530 | 20 | 20 | 9 | 9 | 8.5 | 10.5 | 5 | 1.2 |
| GTI1075 | 120 | 400 Amps | 330 | 30 | 30 | 11 | 15 | 10.5 | 10.5 | 7 | 1.8 |
| GTI1080 | 120 | 400 Amps | 430 | 30 | 30 | 11 | 15 | 10.5 | 10.5 | 7 | 1.8 |
| GTI1100 | 240 | 630 Amps | 330 | 35 | 32 | 16 | 15 | 12.5 | 10.5 | 12 | 2.0 |

SPECIFICATIONS

Conductor

Material: Tinned electrolytic copper braid Cu-ETP

Purity: 99.9% Braid wire: 0.15mm²

Insulation

Material: Self extinguishing PVC UL94-VO

Thickness: Various see above table

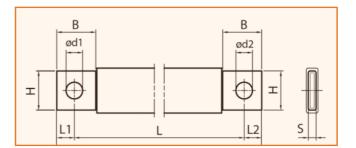
Finished Product

Dielectric rigidity: 20KV/mm

Max rated voltage: 1000VAC / 1500VDC Working Temp. range: -40°C to +105°C

Approvals

Calculations to: IEC 61439-1 UL file No. E300607



2