

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 mm ²	Recommended for Use With Switch Size	Dimensions mm								
			L	B	H	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

