

# INSULATED COPPER BRAIDS

## tinned copper braid– tinned terminals



Tin-plated copper tube terminals:

Cu-DHP UNI EN 12499

Single Wire:

Cu-ETP UNI EN 13602 - Ø 0,20 mm

Black PVC insulation Self extinguishing:

UL 94 V0

Operating voltage:

1000 V AC – 1500 V DC

Operating temperature:

-40/+105°C

Dielectric strenght:

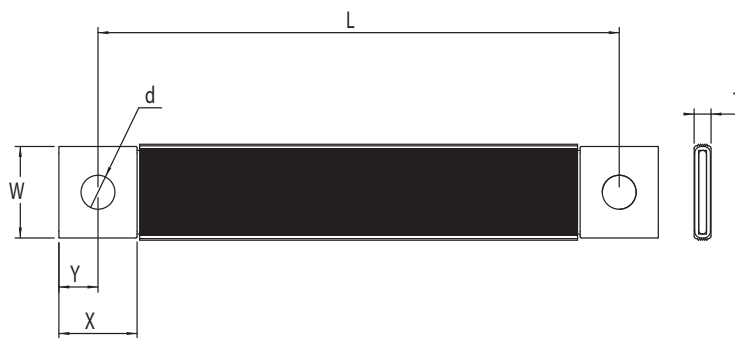
20 kV/mm

Insulation thickness:

1,6 – 2mm

Current loads referred to rise temperature

ΔT following IEC 439 norm – Ta ( Amb.Temp. ) 35°C



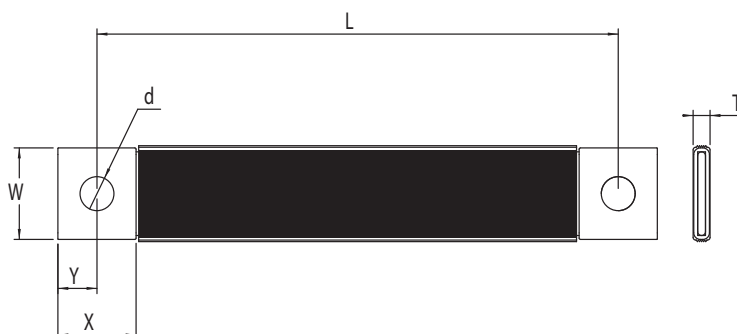
Tinned Copper braid	Cross-Sect.	L	W	X	Y	t	d Ø	Current load at		
tinned terminals	mm <sup>2</sup>	dimensions in mm.						ΔT °30C	ΔT °50C	ΔT °70C
ITT 16/020-L/12	16	230-330-430-530 630-730	12	14	7	3	6,5	93 A	127 A	153 A
ITT 25/020-L/12	25	230-330-430-530 630-730	12	14	7	5	6,5	120 A	160 A	200 A
ITT 25/020-L/20	25	230-330-430-530 630-730	20	22	10	3,7	9 -11	128 A	178 A	220 A
ITT 35/020-L/20	35	230-330-430-530 630-730	20	22	10	4,5	9 -11	153 A	212 A	260 A
ITT 50/020-L/20	50	230-330-430-530 630-730-830	20	22	10	5,5	11	187 A	260 A	320 A
ITT 75/020-L/20	75	230-330-430-530 630-730-830	20	22	10	7	11	238 A	320 A	400 A
ITT 120/020-L/32	120	230-330-430-530 630-730-830-930	32	32	15	7	11	340 A	460 A	565 A

# INSULATED COPPER BRAIDS

bare copper braid - tinned terminals



Tin-plated copper tube terminals:	Cu-DHP UNI EN 12499
Single wire:	Cu-ETP UNI EN 13602 - Ø 0,20 mm
Black PVC insulation Self extinguishing:	UL 94 V0
Operating voltage:	1000 V AC – 1500 V DC
Operating temperature:	-40/+105°C
Dielectric strenght:	20 kV/mm
Insulation thickness:	1,6 – 2mm
Current loads referred to rise temperature	ΔT following IEC 439 norm – Ta ( Amb.Temp. ) 35°C



Bare Copper braid	Cross-Sect.	L	W	X	Y	t	d Ø	Current load at		
tinned terminals	mm <sup>2</sup>	dimensions in mm.						ΔT °30C	ΔT °50C	ΔT °70C
IRT 16/020-L/12	16	230-330-430-530 630-730	12	14	7	3	6,5	93 A	127 A	153 A
IRT 25/020-L/12	25	230-330-430-530 630-730	12	14	7	5	6,5	120 A	160 A	200 A
IRT 25/020-L/20	25	230-330-430-530 630-730	20	22	10	3,7	9 -11	128 A	178 A	220 A
IRT 35/020-L/20	35	230-330-430-530 630-730	20	22	10	4,5	9 -11	153 A	212 A	260 A
IRT 50/020-L/20	50	230-330-430-530 630-730-830	20	22	10	5,5	11	187 A	260 A	320 A
IRT 75/020-L/20	75	230-330-430-530 630-730-830	20	22	10	7	11	238 A	320 A	400 A
IRT 120/020-L/32	120	230-330-430-530 630-730-830-930	32	32	15	7	11	340 A	460 A	565 A
IRT 240/020-L/32	240	230-330-430-530 630-730-830-930	32	32	15	12	13	500 A	680 A	840 A