



Copper Tubular Lugs

CTN type and MJTN junction sleeves

CTN terminals and MJTN splices are specially designed for flexible wires. They are used in railway rolling stock, railway signalling installations and electrical power supply systems

DESCRIPTION

- ⇒ Tube type terminals are made of highly conductive electrolytic copper with a bright tin finish
- ⇒ They are designed for use with flexible copper wires (class 5)
- ⇒ The wire size and stud holes are clearly marked in metric
- ⇒ A chamfer design and an inspection hole ensure ease of handling
- ⇒ The application tooling is available to comply with French or Swedish specifications
- ⇒ To crimp the parts you can either use hex crimp or indent crimp tooling

KEY FEATURES and BENEFITS

Highly conductive electrolytic copper and bright tin finish	Offer outstanding resistance to oxidation and corrosion
A full range of cross section conductors from 10 to 240mm ²	Allow quite all connections with flexible conductors
Marking of wire size and stud hole places on the part	Allow a quick identification, easy installation and checking

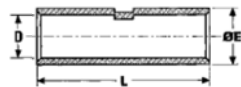
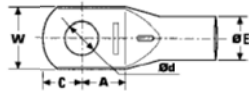
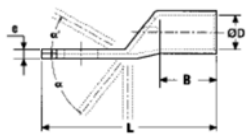
STANDARDS AND SPECIFICATIONS

Compliance with NFF 00363
ABB Approval

PRODUCT PHOTOS



MJTN...



APPLICATIONS

CTN Lugs

Designation	TCPN	Capacity (mm ²)	Dimensions (mm)									Stud M	Std pack
			Ød	ØD	E	W	e	L	A	C	B		
CTN 10-4	707880-1	10	4,4	5	8	15,5	2	34	10	8	10	4	100
CTN 10-5	707880-2		5,6	5	8	15,5	2	34	10	8	10	5	100
CTN 10-6	707880-3		6,6	5	8	15,5	2	34	10	8	10	6	100
CTN 10-8	707880-4		8,6	5	8	15,5	2	34	10	8	10	8	100
CTN 10-10	707880-5		10,8	5	8	17,5	2	36	12	8	10	10*	100
CTN 10-12	707880-6		13	5	8	17,5	2	36	12	8	10	12*	100
CTN 16-6	707881-1	16	6,6	6	9	17,3	2	37	10	8	11	6	100
CTN 16-8	707881-2		8,6	6	9	17,3	2	37	10	8	11	8	100
CTN 16-10	707881-3		10,8	6	9	18	1,6	39	12	8	11	10*	100
CTN 16-12	707881-4		13	6	9	18	1,6	39	12	8	11	12*	100
CTN 25-5	707870-1	25	5,6	7,7	10,5	17,3	2,3	45	11	10	13	5	50
CTN 25-6	707870-2		6,6	7,7	10,5	17,3	2,3	45	11	10	13	6	50
CTN 25-8	707870-3		8,6	7,7	10,5	17,3	2,3	45	11	10	13	8	50
CTN 25-10	707870-4		10,8	7,7	10,5	18,5	2,3	45	11	10	13	10*	50
CTN 25-12	707870-5		13	7,7	10,5	18,5	2,3	45	11	10	13	12*	100
CTN 35-6	707880-1	35	6,6	9	12	18	2,5	50	13	11	16,5	6	100
CTN 35-8	707880-2		8,6	9	12	18	2,5	50	13	11	16,5	8	100
CTN 35-10	707869-3		10,8	9	12	18	2,5	50	13	11	16,5	10*	100
CTN 35-12	707869-5		13	9	12	18	2,5	50	13	11	16,5	12*	100
CTN 50-6	707868-1	50	6,6	10,5	14	21,5	3	58	14	12	19	6	50
CTN 50-8	707868-2		8,6	10,5	14	21,5	3	58	14	12	19	8	50
CTN 50-10	707868-3		10,8	10,5	14	21,5	3	58	14	12	19	10*	50
CTN 70-8	707867-1	70	8,6	12,5	16	25	3	66	17	15	22	8	10
CTN 70-10	707867-2		10,8	12,5	16	25	3	66	17	15	22	10	50
CTN 70-12	707867-3		13	12,5	16	25	3	66	17	15	22	12	50
CTN 95-10	707866-1	95	10,8	14,5	18,5	28	3,5	73	18	16,5	25	10	50
CTN 95-12	707866-2		13	14,5	18,5	28	3,5	73	18	16,5	25	12	50
CTN 95-14	707866-3		15	14,5	18,5	28	3,5	73	18	16,5	25	14	50
CTN 120-10	707865-1	120	10,8	16,2	21	31	4,3	84	21	17,5	28	10	25
CTN 120-12	707865-2		13	16,2	21	31	4,3	84	21	17,5	28	12	50
CTN 120-14	707865-3		15	16,2	21	31	4,3	84	21	17,5	28	14	50
CTN 120-16	707865-4		17	16,2	21	31	4,3	84	21	17,5	28	16	50

APPLICATIONS

CTN Lugs

Designation	TCPN	Capacity (mm ²)	Dimensions (mm)									Stud M	Std pack
			Ød	ØD	E	W	e	L	A	C	B		
CTN 150-10	707880-1	150	10,8	18	23	34	4,5	90	23	19	31	10	10
CTN 150-12	707880-2		13	18	23	34	4,5	90	23	19	31	12	10
CTN 150-14	707880-3		15	18	23	34	4,5	90	23	19	31	14	25
CTN 150-16	707880-4		17	18	23	34	4,5	90	23	19	31	16	25
CTN 150-18	707880-5		19	18	23	34	4,5	90	23	19	31	18	25
CTN 185-12	707880-6	185	13	20,6	26	38,5	4,9	102	25	21,5	35	12	25
CTN 185-14	707881-1		15	20,6	26	38,5	4,9	102	25	21,5	35	14	25
CTN 185-16	707881-2		17	20,6	26	38,5	4,9	102	25	21,5	35	16	50
CTN 185-18	707881-3		19	20,6	26	38,5	4,9	102	25	21,5	35	18	50
CTN 240-14	707881-4	240	15	23	29	43	5,3	110	28	24	39	14	25
CTN 240-16	707870-1		17	23	29	43	5,3	110	28	24	39	16	25
CTN 240-18	707870-2		19	23	29	43	5,3	110	28	24	39	18	25
CTN 240-20	707870-3		21	23	29	43	5,3	110	28	24	39	20	10

*Compact terminal (tongue narrower than NFF 0363 standard request) not complying with NFF 00363

MJTN Junction Sleeves

Designation	TCPN	Capacity (mm ²)	Dimensions			Std pack
			D	ØE	L	
MJTN 10	707885-1	10	5	8	30	100
MJTN 16	707886-1	16	6	9	35	100
MJTN 25	707887-1	25	7,7	10,5	35	100
MJTN 35	707888-1	35	9	12	38	100
MJTN 50	707889-1	50	10,5	14	43	100
MJTN 70	707890-1	70	12,5	16	49	100
MJTN 95	707895-1	95	14,5	18,5	56	25
MJTN 120	707896-1	120	16,2	21	62	25
MJTN 150	707897-1	150	18	23	68	10
MJTN 185	707898-1	185	20,6	26	76	10
MJTN 240	707899-1	240	23	29	84	10