

## Application

- XCT tubular Terminals and XG7T Splices are ideally suited to connect electrical copper wire to equipment's terminals or to another conductor.

## Description

- This range includes :
  - Ring Tongue Terminal,
  - Right angle Terminals,
  - Compact narrow tongue terminals,
  - Splices
- They are made of highly conductive electrolytic copper with a bright tin finish.
- They can be used with rigid stranded wires (class 2) and with flexible wires (class5).
- The wire sizes and stud holes are clearly marked in metric.
- A funnel entry design and an inspection hole ensure ease of handling.
- The application can be realised with either hexagonal crimp type or indent crimp type tooling.

## Features and benefits

- |   |   |
|---|---|
| - Highly conductive electrolytic copper + bright tin finish.  | - Offers outstanding resistance to oxidation and corrosion.     |
| - A full range for cross-sections conductors from 1.5 to 630 mm <sup>2</sup> .                        | - Allow an use on many installations                            |
| - Marking of wire size and stud hole places on the part.  | - Allow a quick identification, easy installation and checking. |
| - Designs including ring tongue terminals, right angle, compact narrow tongue terminals, and splices. | - Allow to provide a large range of applications.               |
| - Inspection hole on the barrel   | - Allow a quick control that the conductor is well positioned.  |
| - Crimping by hexagonal compression or indent   | - Can be crimped with a lot of tools used by the customers      |

## Approval

- Compliance with NFC 20 130 French standard.

### NOTE :

- *In case of use with flexible conductor, it is necessary to use next larger section :*
  - Ex : flexible wire 35mm<sup>2</sup>: use the lug (or sleeve) with marking: 50 mm<sup>2</sup>.

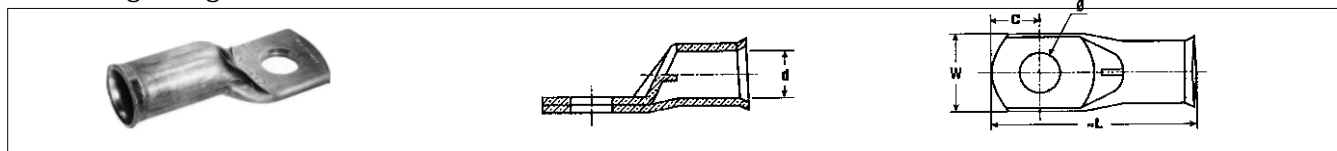
<http://energy.tycoelectronics.com>

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.

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# Copper tubular terminals and sleeves : XCT and XG7T type

## XCT Ring Tongue Terminals



Designation	PN	RPN	Capacity (mm <sup>2</sup> )	Dimensions (mm)					Stud M	Weight (kg)	Standard Packaging	
				Ø	W	d	C	L				
XCT 1,5-3	0-07109711-1	747476-000	1,5	3,2	6	1,8	3,25	17	3	0,0007	100	
XCT 1,5-4	0-07109721-1	583886-000		4,3	6,5	1,8	4	17	4	0,0009	100	
XCT 1,5-5*	0-07109731-1	264854-000		5,3	7,5	1,8	4,75	18	5	0,0009	100	
XCT 1,5-6*	0-07111674-1	338120-000		6,4	9	1,8	6,5	19	6	0,0010	100	
XCT 2,5-4	0-07109741-1	527554-000	2,5	4,3	8	2,2	4,5	18	4	0,0013	100	
XCT 2,5-5	0-07109751-1	146900-000		5,3	8,5	2,2	5	19	5	0,0013	100	
XCT 2,5-6*	0-07109761-1	380270-000		6,4	9	2,2	6,5	20	6	0,0015	100	
XCT 4-4	0-07109771-1	612772-000		4,3	9	2,7	4,75	21	4	0,0024	100	
XCT 4-5	0-07109781-1	898102-000	4	5,3	9	2,7	4,75	24	5	0,0026	50	
XCT 4-6	0-07109791-1	665128-000		6,4	12	2,7	6,5	25	6	0,0027	50	
XCT 6-4	0-07100321-1	977850-000		4,2	10	3,3	7	31	4	0,0043	100	
XCT 6-5	0-07100322-2	350506-000		5,2	10	3,3	7	31	5	0,0043	100	
XCT 6-6	0-07100324-4	107672-000	6	6,4	13	3,3	7	31	6	0,0044	100	
XCT 6-8	0-07100326-6	588770-000		8,3	13	3,3	9	35	8	0,0045	100	
XCT 10-4*	0-07100311-1	007658-000		4,2	11	4,2	7	33	4	0,0060	100	
XCT 10-5	0-07100312-2	484566-000		5,2	11	4,2	7	33	5	0,0065	100	
XCT 10-6	0-07100314-4	522246-000	10	6,4	11	4,2	7	33	6	0,0065	100	
XCT 10-8	0-07100316-6	246220-000		8,3	14	4,2	10	38	8	0,0074	100	
XCT 10-10	0-07100318-8	234052-000		10,3	14	4,2	10	38	10	0,0075	100	
XCT 16-5	0-07100301-1	894412-000		5,2	12	5,3	7	33,5	5	0,0086	100	
XCT 16-6	0-07100303-3	025722-000	16	6,4	12	5,3	7	33,5	6	0,0087	100	
XCT 16-8	0-07100305-5	657484-000		8,3	16	5,3	9	39	8	0,0092	100	
XCT 16-10	0-07100307-7	204354-000		10,3	16	5,3	11	43	10	0,0099	100	
XCT 16-12*	0-07100308-8	634476-000		12,8	16	5,3	11	43	12	0,0094	100	
XCT 25-5*	0-07100261-1	477850-000	25	5,2	13	6,6	7	35	5	0,0108	100	
XCT 25-6	0-07100263-3	592958-000		6,4	13	6,6	7	35	6	0,0110	100	
XCT 25-8	0-07100265-5	572356-000		8,3	16	6,6	9	40	8	0,0117	100	
XCT 25-10	0-07100267-7	428136-000		10,3	16	6,6	11	44	10	0,0116	100	
XCT 25-12*	0-07100268-8	081140-000	35	12,2	16	6,6	11	44	12	0,0120	100	
XCT 35-6	0-07100271-1	118978-000		6,4	15	7,9	7	39	6	0,0140	50	
XCT 35-8	0-07100272-2	415846-000		8,3	17	7,9	11	46	8	0,0150	50	
XCT 35-10	0-07100363-3	792910-000		10,3	17	7,9	11	46	10	0,0171	50	
XCT 35-12*	0-07100364-4	186864-000	50	12,8	17	7,9	11	46	12	0,0154	50	
XCT 50-6*	0-07100253-3	326608-000		6,4	18	9,2	13,5	53	6	0,0200	25	
XCT 50-8	0-07100252-2	392352-000		8,3	18	9,2	13,5	53	8	0,0260	25	
XCT 50-10	0-07100255-5	361896-000		10,3	18	9,2	13,5	53	10	0,0300	25	
XCT 50-12	0-07100257-7	375724-000	60	12,8	19	9,2	13,5	53	12	0,0230	25	
XCT 60-8*	0-0709817-1	059648-000		8,3	19	10,5	11,3	52,5	8	0,0218	25	
XCT 60-10	0-0709817-2	344944-000		10,3	19	10,5	11,3	52,5	10	0,0202	25	
XCT 60-12	0-0709817-3	604036-000		12,8	19	10,5	13,8	52,5	12	0,0200	25	
XCT 70-8	0-07100281-1	554532-000	70	8,3	21	11	13,5	58	8	0,0396	25	
XCT 70-10	0-07100283-3	348884-000		10,3	21	11	13,5	58	10	0,0374	25	
XCT 70-12	0-07100285-5	357652-000		12,8	21	11	13,5	58	12	0,0376	25	
XCT 70-16*	0-07100288-8	922802-000		16,5	21	11	16,5	60,5	16	0,0362	25	
XCT 95-8	0-0709819-1	236648-000	95	8,3	23	13,1	16,3	70	8	0,0588	25	
XCT 95-10	0-0709819-3	081216-000		10,3	23	13,1	16,3	70	10	0,0572	25	
XCT 95-12	0-0709819-5	222660-000		12,8	23	13,1	16,3	70	12	0,0560	25	
XCT 95-14	0-0709819-7	997296-000		14,5	23	13,1	16,3	70	14	0,0548	25	
XCT 95-16	0-0709819-8	863992-000	120	16,5	23	13,1	16,3	70	16	0,0529	25	
XCT 120-10	0-0709820-1	200996-000		10,3	28	14,5	16,3	76	10	0,0812	25	
XCT 120-12	0-0709820-3	272142-000		12,8	28	14,5	16,3	76	12	0,0788	25	
XCT 120-14	0-0709820-4	703044-000		14,5	28	14,5	16,3	76	14	0,0772	25	
XCT 120-16	0-0709820-6	373472-000	150	16,5	28	14,5	16,3	76	16	0,0758	25	
XCT 150-10	0-0709821-2	006084-000		10,3	30	16,2	16,3	81,5	10	0,1035	10	
XCT 150-12	0-0709821-3	606450-000		12,8	30	16,2	16,3	81,5	12	0,1005	10	
XCT 150-14	0-0709821-4	320160-000		14,5	30	16,2	16,3	81,5	14	0,0985	10	
XCT 150-16	0-0709821-5	928422-000	185	16,5	30	16,2	16,3	81,5	16	0,0965	10	
XCT 185-12	0-0709822-2	921870-000		12,8	33	18	16,3	88	12	0,1245	10	
XCT 185-14	0-0709822-3	910610-000		14,5	33	18	16,3	88	14	0,1230	10	
XCT 185-16	0-0709822-4	641892-000		16,5	33	18	16,3	88	16	0,1200	10	
XCT 240-14	0-0709823-3	654064-000	240	14,5	37	20,6	19,3	98,5	14	0,1735	10	
XCT 240-16	0-0709823-4	712702-000		16,5	37	20,6	19,3	98,5	16	0,1720	10	
XCT 240-20	0-0709823-5	633156-000		21	37	20,6	19,3	98,5	20	0,1590	10	
XCT 300-14	0-0709818-1	794296-000		14,5	41	23,1	21	102,5	14	0,1750	10	
XCT 300-16	0-0709818-3	085036-000	300	16,5	41	23,1	21	102,5	16	0,1730	10	
XCT 300-20	0-0709818-4	990666-000		21	41	23,1	21	102,5	20	0,1670	10	
XCT 400-16	0-0709887-1	268954-000		400	16,5	47	26	22	120	16	0,2800	3
XDT 500 60x56 NP*	0-0708370-1	006246-000		500	-	55	29,2	-	145	-	0,7360	1
XDT 630 60x61 NP*	0-0708371-1	541750-000	630	-	60	33,2	-	150	-	0,7300	1	

NP = without hole, (\*) = palm sizes, not in compliance with NFC 20 130

Copper tubular terminals  
and sleeves : XCT and XG7T type

XG7T Splices



Designation	PN	RPN	Capacity (mm <sup>2</sup> )	Dimensions (mm)		Weight (kg)	Standard Packaging
				d	L		
XG7T 1,5	0-0710982-1	522928-000	1,5	1,8	15	0,0012	100
XG7T 2,5	0-0710983-1	984046-000	2,5	2,2	18	0,0013	100
XG7T 4	0-0710984-1	914422-000	4	2,7	22	0,0031	100
XG7T 6	0-0709834-1	016836-000	6	3,3	31	0,0040	50
XG7T 10	0-0709835-1	062518-000	10	4,2	39	0,0040	50
XG7T 16	0-0709836-1	845692-000	16	5,3	39	0,0103	50
XG7T 25	0-0709837-2	929958-000	25	6,6	39	0,0128	50
XG7T 35	0-0709838-1	516670-000	35	7,9	39	0,0169	50
XG7T 50	0-0709839-1	977042-000	50	9,2	50	0,0262	25
XG7T 60	0-0709840-1	232750-000	60	10,5	47	0,0170	25
XG7T 70	0-0709841-1	961138-000	70	11	52	0,0390	25
XG7T 95	0-0709842-1	513764-000	95	13,1	65	0,0564	25
XG7T 120	0-0709843-1	120650-000	120	14,5	71	0,0780	10
XG7T 150	0-0709844-1	263742-000	150	16,2	78	0,1015	10
XG7T 185	0-0709845-1	918180-000	185	18	86	0,1250	10
XG7T 240	0-0709846-1	610494-000	240	20,6	94	0,1660	10
XG7T 300	0-0709847-1	597942-000	300	23,1	102	0,1802	5
XG7T 400	0-0709574-1	246948-000	400	26	102	0,2062	5

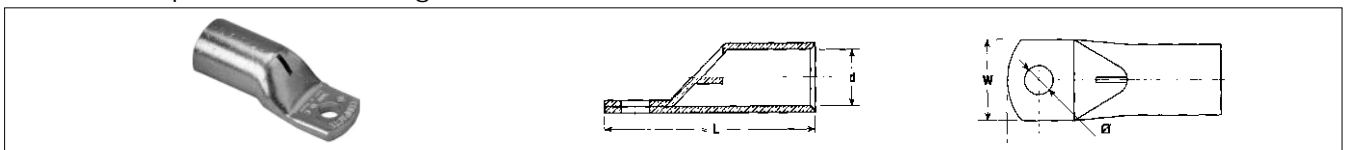
XCT..EQ, : Right angle Terminals



Designation	PN	RPN	Capacity (mm <sup>2</sup> )	Dimensions (mm)						Stud M	Weight (kg)	Standard Packaging
				Ø	W	d	C	H				
XCT 6-6 EQ	0-0708470-1	331510-000	6	6,5	13	3,3	7,5	14,4	6	-	100	
XCT 10-6 EQ	0-0708471-1	476454-000	10	6,5	11	4,2	6,5	12,2	6	0,0050	100	
XCT 10-8 EQ	0-0708471-2	318714-000	10	8,5	12	4,2	10	12,2	8	0,0060	100	
XCT 16-6 EQ	0-0708472-1	267314-000	16	6,5	12	5,3	6,25	13	6	0,0070	100	
XCT 16-8 EQ	0-0708472-2	736286-000	16	8,5	16	5,3	9	12,8	8	0,0080	100	
XCT 25-6 EQ	0-0708412-1	862906-000	25	6,5	13	6,6	6,25	13,5	6	0,0117	100	
XCT 25-8 EQ	0-0708412-2	545748-000	25	8,5	16	6,6	10	13,5	8	0,0132	100	
XCT 35-6 EQ	0-0708473-1	391712-000	35	6,5	15	7,9	7,5	14	6	0,0163	50	
XCT 35-8 EQ	0-0708473-2	349164-000	35	8,5	17	7,9	10	14,5	8	0,0140	50	
XCT 35-10 EQ	0-0708473-3	108500-000	35	10,5	17	7,9	12	22	10	-	50	
XCT 50-6 EQ	0-0708474-1	517876-000	50	6,5	17	9,2	6,25	28	6	-	50	
XCT 50-8 EQ	0-0708474-2	475098-000	50	8,5	18	9,2	10	18,3	8	0,0288	25	
XCT 50-10 EQ	0-0708474-3	352900-000	50	10,5	18	9,2	12	18,5	10	0,0242	25	
XCT 70-10 EQ	0-0708476-1	412716-000	70	10,5	21	11	12	19,5	10	0,0398	25	
XCT 70-12 EQ	0-0708476-2	955970-000	70	13	21	11	13	19,5	12	-	25	
XCT 95-10 EQ	0-0708477-1	690846-000	95	10,5	23	13,1	12	35	10	-	25	
XCT 95-12 EQ	0-0708477-2	406338-000	95	13	23	13,1	13	35	12	0,0400	25	
XCT 120-10 EQ	0-0708478-1	838050-000	120	10,5	28	14,5	12	38	10	-	25	
XCT 150-12 EQ	0-0708479-1	002186-000	150	13	28	16,2	15	40	12	-	10	

Other dimensions on request.

XCT.C Compact Narrow Tongue terminals



Designation	PN	RPN	Capacity (mm <sup>2</sup> )	Ø	Dimensions (mm)					Stud M	Weight (kg)	Standard Packaging
					W	d	C	L				
XCT,C 120-10	0-0708461-1	458994-000	120	10,3	24,5	14,3	11,5	63	10	0,0644	25	
XCT,C 150-10	0-0708462-1	913502-000	150	10,3	24,5	16	11,5	64,5	10	0,0800	10	
XCT,C 185-10	0-0708463-1	691256-000	185	10,3	24,5	17,8	11,5	72,5	10	0,0980	10	
XCT,C 240-10	0-0708464-1	666084-000	240	10,3	31	20,4	11,5	74	10	0,1230	10	
XCT,C 300-10	0-0708465-1	499082-000	300	10,3	31	22,9	11,5	83	10	0,1380	10	

Other dimensions on request.