

## Product Technical Data Sheet - PXL Copper Tube Terminals

### Description.

Partex PXL terminals are designed to ensure a safe and secure connection of your cable conductor. Each terminal has an inspection window to ensure the cable is safely inserted before crimping.

### Specification.

Made from Copper to BS EN 1976:1998.  
Annealed to ASTM B111 C11000  
Electroplated Tin coating.

To fit standard electrical cables to BS6360.

Meets the compression requirements of BS EN 61238.1:2003

Maximum temperature 180°C

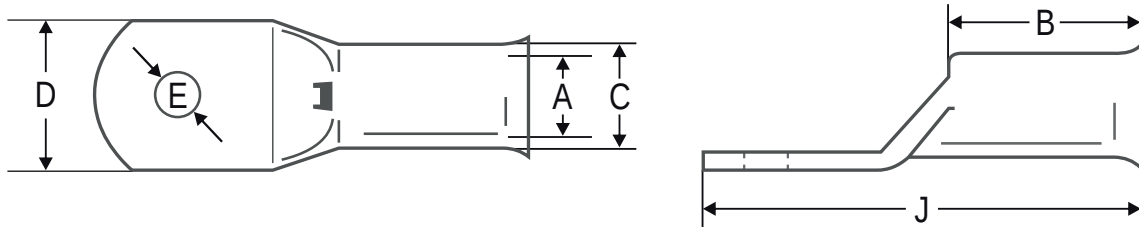


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## PXL Dimensional Data

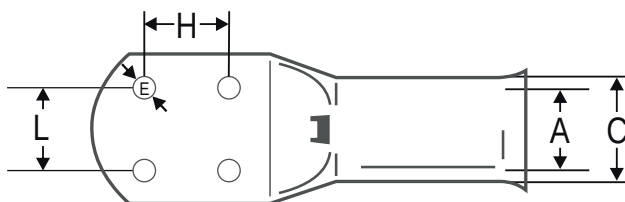


Part Number	Cable Size (mm <sup>2</sup> )	E Stud Hole Dia Ø (mm)	A ID (mm)	C OD (mm)	D Palm Width (mm)	B Barrel Length (mm)	J Total Length (mm)
PXL 1.5-6	1.5	6.0	1.8	3.7	8.0	5.5	19.0
PXL 2.5-6	2.5	6.0	2.4	4.0	9.5	8.0	21.5
PXL 4-6	4.0	6.0	3.1	4.8	9.5	8.0	21.0
PXL 4-8	4.0	8.0	3.1	4.8	11.0	8.0	25.0
PXL 6-6	6.0	6.0	3.8	5.5	10.5	10.0	27.0
PXL 6-8	6.0	8.0	3.8	5.5	11.0	10.0	27.0
PXL 6-10	6.0	10.0	3.8	5.5	14.5	10.0	32.0
PXL 10-6	10.0	6.0	4.5	6.2	11.0	10.0	25.5
PXL 10-8	10.0	8.0	4.5	6.2	11.5	10.0	25.5
PXL 10-10	10.0	10.0	4.7	7.1	14.5	10.0	32.0
PXL 10-12	10.0	12.0	4.7	7.1	14.5	10.0	36.0
PXL 16-6	16.0	6.0	5.4	7.1	11.5	13.0	31.0
PXL 16-8	16.0	8.0	5.4	7.1	11.5	13.0	31.0
PXL 16-10	16.0	10.0	5.5	7.9	14.5	13.0	35.0
PXL 16-12	16.0	12.0	5.5	7.9	18.0	13.0	39.0
PXL 25-6	25.0	6.0	6.8	8.8	12.5	14.0	33.0
PXL 25-8	25.0	8.0	6.8	8.8	13.0	14.0	33.0
PXL 25-10	25.0	10.0	6.8	8.8	14.5	14.0	36.5
PXL 25-12	25.0	12.0	6.8	8.8	16.5	14.0	40.0
PXL 35-6	35.0	6.0	8.2	15.0	15.0	14.0	36.0
PXL 35-8	35.0	8.0	8.2	15.0	15.0	14.0	36.0
PXL 35-10	35.0	10.0	8.2	16.0	16.0	14.0	39.0
PXL 35-12	35.0	12.0	8.2	21.0	21.0	15.5	47.0
PXL 50-8	50.0	8.0	9.5	12.4	18.0	18.0	45.0
PXL 50-10	50.0	10.0	9.5	12.4	18.0	18.0	45.0
PXL 50-12	50.0	12.0	9.5	12.4	21.0	22.0	52.0
PXL 50-16	50.0	16.0	9.5	12.4	22.0	18.0	52.0
PXL 70-8	70.0	8.0	11.2	14.7	21.0	20.0	52.0
PXL 70-10	70.0	10.0	11.2	14.7	21.0	20.0	52.0
PXL 70-12	70.0	12.0	11.2	14.7	21.0	20.0	52.0
PXL 70-16	70.0	16.0	11.2	14.7	25.0	20.0	52.0
PXL 95-8	95.0	8.0	13.5	17.4	25.0	22.0	57.0
PXL 95-10	95.0	10.0	13.5	17.4	25.0	22.0	57.0
PXL 95-12	95.0	12.0	13.5	17.4	25.0	22.0	57.0
PXL 95-16	95.0	16.0	13.5	17.4	26.0	22.0	60.0

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Part Number	Cable Size (mm <sup>2</sup> )	E Stud Hole Dia Ø (mm)	A ID (mm)	C OD (mm)	D Palm Width (mm)	B Barrel Length (mm)	J Total Length (mm)
PXL 120-10	120.0	10.0	15.0	19.4	28.0	24.0	63.0
PXL 120-12	120.0	12.0	15.0	19.4	28.0	24.0	63.0
PXL 120-14	120.0	14.0	15.0	19.4	28.0	24.0	63.0
PXL 120-16	120.0	16.0	15.0	19.4	28.0	24.0	63.0
PXL 150-10	150.0	10.0	16.5	21.2	30.5	29.0	71.0
PXL 150-12	150.0	12.0	16.5	21.2	30.5	29.0	71.0
PXL 150-16	150.0	16.0	16.5	21.2	30.5	29.0	71.0
PXL 185-10	185.0	10.0	18.5	23.5	34.0	34.0	79.0
PXL 185-12	185.0	12.0	18.5	23.5	34.0	34.0	79.0
PXL 185-14	185.0	14.0	18.5	23.5	34.0	34.0	79.0
PXL 185-16	185.0	16.0	18.5	23.5	34.0	34.0	79.0
PXL 240-10	240.0	10.0	21.0	26.5	38.0	39.0	93.0
PXL 240-12	240.0	12.0	21.0	26.5	38.0	39.0	93.0
PXL 240-14	240.0	14.0	21.0	26.5	38.0	39.0	93.0
PXL 240-16	240.0	16.0	21.0	26.5	38.0	39.0	93.0
PXL 300-10	300.0	10.0	23.5	30.0	43.0	44.0	101.0
PXL 300-12	300.0	12.0	23.5	30.0	43.0	44.0	101.0
PXL 300-14	300.0	14.0	23.5	30.0	43.0	44.0	101.0
PXL 300-16	300.0	16.0	23.5	30.0	43.0	44.0	101.0
PXL 300-20	300.0	20.0	23.5	30.0	43.0	44.0	101.0
PXL 400-12	400.0	12.0	26.8	34.8	50.0	47.0	116.0
PXL 400-16	400.0	16.0	26.8	34.8	50.0	47.0	116.0
PXL 400-20	400.0	20.0	26.8	34.8	50.0	47.0	116.0
PXL 500-20	500.0	20.0	30.0	39.0	55.5	52.0	126.0
PXL 630-14	630.0	14.0	35.0	45.0	64.5	59.0	146.0
PXL 630-16	630.0	16.0	35.0	45.0	64.5	59.0	146.0
PXL 630-20	630.0	20.0	35.0	45.0	64.5	59.0	146.0
PXL 800-16	800.0	20.0	39.0	50.6	72.5	39.0	171.0

## PXL Four Hole Transformer Terminals



Part Number	Cable Size (mm <sup>2</sup> )	E Stud Hole Dia Ø (mm)	A ID (mm)	C OD (mm)	D Palm Width (mm)	H Hole Centre (mm)	L Hole Centre (mm)	B Barrel Length (mm)	J Total Length (mm)
PXL 630-10-4H	630.0	4 x 10.0	35.0	45.0	65.0	25.0	35.0	59.0	144.0

## PXL Compatible Crimp Tools

### **CT1.5-16**

A hand held four jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with standard copper tube terminals from 1.5mm up to 16mm<sup>2</sup>.

Meets the compression ratio requirements of BSEN 60352-2:2006, BSEN61238-1:2003 and BS 5G178:1992.

The high precision jaws can be replaced when worn to extend the life of the tool.

#### Specification.

Jaw set:	Carbon steel SCM440
Frame:	Steel S45C
Handles:	Polypropylene
Length:	225mm
Weight:	0.55kg



1.5mm<sup>2</sup> to 16mm<sup>2</sup>



To order this tool with a calibration certificate use catalogue number:CT1.5-16CAL

### **CT10-95i**

A hand held indent crimping tool, for use with copper tube terminals from 10mm<sup>2</sup> up to 95mm<sup>2</sup>.

Manual screw adjustment for easy die selection.

Meets the compression ratio requirements of BSEN 61238-1:2003.

#### Specification.

Jaw set:	Carbon steel SCM440
Frame:	Nodular cast iron
Handles:	PVC
Length:	570mm
Weight:	2.9kg



10mm<sup>2</sup> to 95mm<sup>2</sup>



To order this tool with a calibration certificate use catalogue number:CT10-95iCAL

### **CT120i**

A hand held indent crimping tool, for use with copper tube terminals from 16mm<sup>2</sup> up to 120mm<sup>2</sup>.

Manual screw adjustment for easy die selection.

Meets the compression ratio requirements of BSEN 61238-1:2003.

Tubular steel handles to reduce weight.

#### Specification.

Jaw set:	Carbon steel SCM440
Frame:	Tubular Steel
Handles:	PVC
Length:	645mm
Weight:	3.5kg



16mm<sup>2</sup> to 120mm<sup>2</sup>



To order this tool with a calibration certificate use catalogue number:CT120iCAL