



# CABLE LUGS & CONNECTORS

## INTRODUCTION

Partex Marking Systems was founded in 1948 in Gullspång, Sweden. We are one of the world's leading marking system and cable accessories manufacturers. Over 60 years of experience of development and manufacturing have given us unique expertise in our field.

Partex has another modern facility at Birmingham, UK. We are one of the early adapters of BS5750 standard. We hold BSEN ISO 9001:2008 and BSEN ISO 14001:2004 for Quality and Environmental approval.



All Partex products are UL Listed (Underwriter's Laboratory) and our facility is IRIS (International Railway Industry Standard) approved. Partex products range from the World's bestselling ferrule markers, latest desktop print solutions and state of the art cable accessories.

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## PARTEX LUGS AND TERMINALS

Partex offered connectors provide termination for a variety of power and grounding applications with innovation and highest reliability. Partex Lugs are made from high strength, high conductivity electrolytic copper and aluminium alloy materials to provide optimum connectivity for power and grounding applications.

### SALIENT FEATURES OF PARTEX LUGS

- Safe and Economical both in Design and Use
- All Copper products are Electro tinned to inhibit corrosion and oxidation
- Entry to Terminal is shock proof. Flared end is provided in selective Lugs for easier conductor entry in flexible Cables
- Ease of Insertion - Our terminals are designed for easy insertion of stranded wires. For flexible wire insertion the barrel end is made Bell Mouthed (Flared)
- Lugs and Connectors are annealed to guarantee optimum ductility.

Copper specification 99% IACS, BS EN 1976: 1998

Copper Finish: Electro tinned to BS 1827: 1984 and annealed to ASTM B111C11000

Operating Temperature : Upto 180°C

### APPLICATIONS

Tubular cable lugs and connectors from Partex meet the highest quality requirements and satisfy international standards. Traditional applications are power supply, transportation and building installation technology. We also develop and produce tailor made solutions.

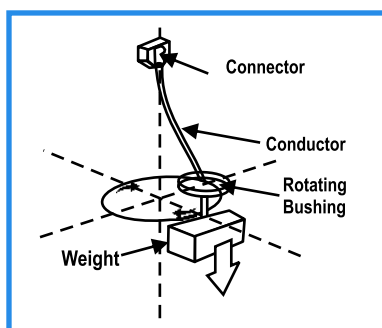
- Extensive product range for low and medium-voltage applications
- Distinct phase for easy conductor entry, burr-free edges
- Consistent precision, high safety and rating properties thanks to high-quality pure electrolytic copper

### UL 486A & 486B APPROVAL FOR PARTEX LUGS

Partex Terminal Lugs and connectors comply with UL Standard requirements and they have been tested according to UL486A and UL486B.

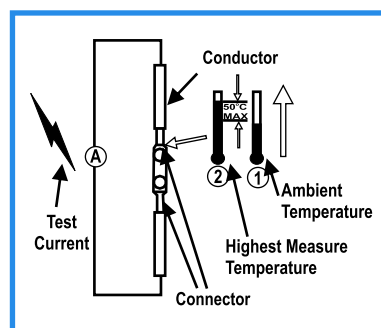


UL LISTING FILE NO. E482299



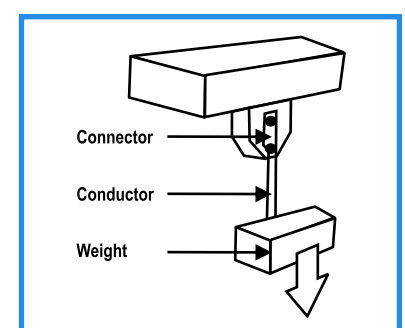
#### Test 1 - Wire Secureness Test

The object of this test is to get long term dependability in Partex copper lugs and connectors with moving equipment.



#### Test 2 - Static Heating Test

The object of this test is to get long Safe Connection at Rated Current Static Heating Test Sequence from Partex Lugs.



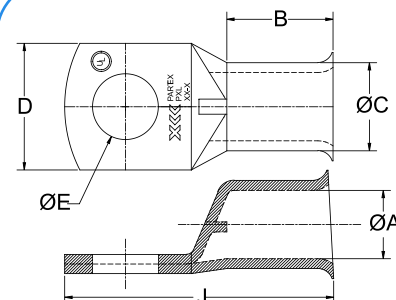
#### Test 3 - Wire Pullout Test

The object of this test is to Secure connection under static tensile Loads. Wire Pullout Text Sequence from Partex Lugs.

## TUBULAR STANDARD CABLE LUGS - PXL SERIES

### ALL DIMENSIONS IN MM

Cat. #	Cable mm <sup>2</sup>	Stud Hole Dia ØE	A ( ID )	C (OD)	D (Palm Width)	B ( Barrel Length )	J (Total Length)
PXL14	1.5	4	1.8	3.7	6.0	5.5	17.0
PXL15	1.5	5	1.8	3.7	6.0	5.5	17.0
PXL16	1.5	6	1.8	3.7	8.0	5.5	19.0
PXL24	2.5	4	2.4	4.0	8.0	8.0	21.5
PXL25	2.5	5	2.4	4.0	8.0	8.0	21.5
PXL26	2.5	6	2.4	4.0	8.0	8.0	21.5
PXL28	2.5	8	2.4	4.0	10.0	8.0	24.0
PXL44	4	4	3.1	4.8	9.0	8.0	21.0
PXL45	4	5	3.1	4.8	9.0	8.0	21.0
PXL46	4	6	3.1	4.8	9.0	8.0	21.0
PXL48	4	8	3.1	4.8	10.0	8.0	25.0
PXL65	6	5	3.8	5.5	10.0	10.0	23.0
PXL66	6	6	3.8	5.5	10.0	10.0	27.0
PXL68	6	8	3.8	5.5	10.0	10.0	27.0
PXL610	6	10	3.8	5.5	12.0	10.0	32.0
PXL105	10	5	4.5	6.2	12.0	10.0	25.5
PXL106	10	6	4.5	6.2	12.0	10.0	25.5
PXL108	10	8	4.5	6.2	12.0	10.0	25.5
PXL1010	10	10	4.7	7.1	12.0	10.0	32.0
PXL1012	10	12	4.7	7.1	14.0	10.0	36.0
PXL165	16	5	5.4	7.1	12.0	13.0	31.0
PXL166	16	6	5.4	7.1	12.0	13.0	31.0
PXL168	16	8	5.4	7.1	12.0	13.0	31.0
PXL1610	16	10	5.5	7.9	12.0	13.0	35.0
PXL1612	16	12	5.5	7.9	14.0	13.0	39.0
PXL208	20	8	6.0	7.7	12.0	14.0	32.5
PXL256	25	6	6.8	8.8	13.0	14.0	33.0
PXL258	25	8	6.8	8.8	13.0	14.0	33.0
PXL2510	25	10	6.8	8.8	13.0	14.0	36.5
PXL2512	25	12	6.8	8.8	14.0	14.0	40.0
PXL356	35	6	8.2	10.6	16.0	14.0	36.0
PXL358	35	8	8.2	10.6	16.0	14.0	36.0
PXL3510	35	10	8.2	10.6	16.0	14.0	39.0
PXL3512	35	12	8.2	10.6	16.0	15.5	47.0
PXL506	50	6	9.5	12.4	18.0	18.0	45.0
PXL508	50	8	9.5	12.4	18.0	18.0	45.0
PXL5010	50	10	9.5	12.4	18.0	18.0	45.0
PXL5012	50	12	9.5	12.4	18.0	18.0	52.0
PXL5014	50	14	9.5	12.4	19.0	18.0	52.0
PXL5016	50	16	9.5	12.4	20.0	18.0	52.0
PXL708	70	8	11.2	14.7	21.0	20.0	52.0
PXL7010	70	10	11.2	14.7	21.0	20.0	52.0



Diagram



Standard Lug PXL

### FEATURES

- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Flat contact surface and precise stud holes as per the Metric standard
- Chamfered bell mouth entry for easy cable insertion

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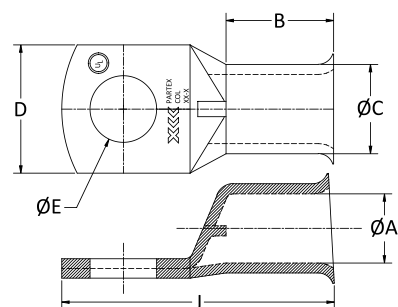
## TUBULAR STANDARD CABLE LUGS - PXL SERIES ....Continued

ALL DIMENSIONS IN MM							
Cat. #	Cable mm <sup>2</sup>	Stud Hole Dia ØE	A ( ID )	C (OD)	D (Palm Width)	B ( Barrel Length )	J (Total Length)
PXL7012	70	12	11.2	14.7	21.0	20.0	52.0
PXL7014	70	14	11.2	14.7	21.0	20.0	52.0
PXL7016	70	16	11.2	14.7	21.0	20.0	52.0
PXL7020	70	20	11.2	14.7	24.0	20.0	57.0
PXL958	95	8	13.5	17.4	25.0	22.0	57.0
PXL9510	95	10	13.5	17.4	25.0	22.0	57.0
PXL9512	95	12	13.5	17.4	25.0	22.0	57.0
PXL9514	95	14	13.5	17.4	25.0	22.0	57.0
PXL9516	95	16	13.5	17.4	25.0	22.0	60.0
PXL9520	95	20	13.5	17.4	25.0	22.0	60.0
PXL1208	120	8	15.0	19.4	28.0	24.0	63.0
PXL12010	120	10	15.0	19.4	28.0	24.0	63.0
PXL12012	120	12	15.0	19.4	28.0	24.0	63.0
PXL12014	120	14	15.0	19.4	28.0	24.0	63.0
PXL12016	120	16	15.0	19.4	28.0	24.0	63.0
PXL12020	120	20	15.0	19.4	28.0	24.0	70.0
PXL1508	150	8	16.5	21.2	30.0	29.0	71.0
PXL15010	150	10	16.5	21.2	30.0	29.0	71.0
PXL15012	150	12	16.5	21.2	30.0	29.0	71.0
PXL15014	150	14	16.5	21.2	30.0	29.0	71.0
PXL15016	150	16	16.5	21.2	30.0	29.0	71.0
PXL15020	150	20	16.5	21.2	30.0	29.0	71.0
PXL18510	185	10	18.5	23.5	34.0	34.0	79.0
PXL18512	185	12	18.5	23.5	34.0	34.0	79.0
PXL18514	185	14	18.5	23.5	34.0	34.0	79.0
PXL18516	185	16	18.5	23.5	34.0	34.0	79.0
PXL18520	185	20	18.5	23.5	34.0	34.0	79.0
PXL24010	240	10	21.0	26.5	38.0	39.0	93.0
PXL24012	240	12	21.0	26.5	38.0	39.0	93.0
PXL24014	240	14	21.0	26.5	38.0	39.0	93.0
PXL24016	240	16	21.0	26.5	38.0	39.0	93.0
PXL24020	240	20	21.0	26.5	38.0	39.0	93.0
PXL30010	300	10	23.5	30.0	43.0	44.0	101.0
PXL30012	300	12	23.5	30.0	43.0	44.0	101.0
PXL30014	300	14	23.5	30.0	43.0	44.0	101.0
PXL30016	300	16	23.5	30.0	43.0	44.0	101.0
PXL30020	300	20	23.5	30.0	43.0	44.0	101.0
PXL40010	400	10	26.8	34.8	50.0	47.0	116.0
PXL40012	400	12	26.8	34.8	50.0	47.0	116.0
PXL40014	400	14	26.8	34.8	50.0	47.0	116.0
PXL40016	400	16	26.8	34.8	50.0	47.0	116.0
PXL40020	400	20	26.8	34.8	50.0	47.0	116.0
PXL50016	500	16	30.0	39.0	55.5	52.0	126.0
PXL50020	500	20	30.0	39.0	55.5	52.0	126.0
PXL63016	630	16	35.0	45.0	64.0	59.0	146.0
PXL63020	630	20	35.0	45.0	64.0	59.0	146.0

## TUBULAR CABLE LUGS - COL SERIES

### ALL DIMENSIONS IN MM

Cat. #	Cable mm <sup>2</sup>	Stud Hole Dia ØE	A (ID)	C (OD)	D (Palm Width)	B (Barrel Length)	J (Total Length)
COL1.5-4	1.5	4.2	1.8	3.7	8	8	19
COL1.5-5	1.5	5.2	1.8	3.7	8	8	20
COL2.5-4	2.5	4.5	2.4	4.0	8.7	8	20
COL2.5-5	2.5	5.2	2.4	4.0	8.7	8	21
COL2.5-6	2.5	6.2	2.4	4.0	10.3	8	23
COL4-4	4	4.2	3.1	4.8	8.7	10	22
COL4-5	4	5.2	3.1	4.8	8.7	10	23
COL4-6	4	6.5	3.1	4.8	10.3	10	25
COL4-8	4	8.2	3.1	4.8	12.5	10	29
COL6-4	6	4.2	3.8	5.5	8.7	10	21
COL6-5	6	5.2	3.8	5.5	10.3	10	23
COL6-6	6	6.5	3.8	5.5	10.3	10	24
COL6-8	6	8.4	3.8	5.5	12	10	26
COL6-10	6	10.2	3.8	5.5	14	10	30
COL10-5	10	5.2	4.5	6.2	10	10	25
COL10-6	10	6.4	4.5	6.2	10	10	25
COL10-8	10	8.4	4.5	6.2	12	10.5	29
COL10-10	10	10.2	4.5	6.2	15	10.5	34
COL10-12	10	13	4.5	6.2	17	10.5	39
COL16-5	16	5.2	5.4	7.1	12	12	25
COL16-5	16	6.4	5.4	7.1	12	12	27
COL16-8	16	8.4	5.4	7.1	12.5	12	31
COL16-10	16	10.4	5.4	7.1	15	12.5	36
COL16-12	16	13	5.4	7.1	17	12.5	41
COL25-5	25	5.2	7	8.8	13	12.5	30
COL25-6	25	6.4	7	8.8	13	12.5	30
COL25-8	25	8.4	7	8.8	14	12.5	32
COL25-10	25	10.4	7	8.8	16	12.5	37
COL25-12	25	13	7	8.8	18	12.5	41
COL35-6	35	6.4	8.6	10.8	16	15	36
COL35-8	35	8.4	8.6	10.8	16	15	36
COL35-10	35	10.4	8.6	10.8	16	15	40
COL35-12	35	13	8.6	10.8	18	15	44
COL35-14	35	14.6	8.6	10.8	19.8	15	47
COL35-16	35	17	8.6	10.8	23	15	49
COL50-6	50	6.4	9.6	11.8	17.5	16	42
COL50-8	50	8.4	9.6	11.8	17.5	16	42
COL50-10	50	10.4	9.6	11.8	17.5	16	42
COL50-12	50	13	9.6	11.8	17.5	16	42
COL50-14	50	15	9.6	11.8	17.5	16	46
COL50-16	50	17	9.6	11.8	24.0	16	52
COL70-6	70	6.4	12	15	22	18	50



Diagram



Economy Lugs COL

### FEATURES

- Durable lugs for light duty application
- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Flat contact surface and precise stud holes as per the Metric standard
- Chamfered Bell mouth for easy cable insertion

continued...

## TUBULAR CABLE LUGS - COL SERIES

...Continued

ALL DIMENSIONS IN MM							
Cat. #	Cable mm <sup>2</sup>	Stud Hole Dia ØE	A (ID)	C (OD)	D (Palm Width)	B (Barrel Length)	J (Total Length)
COL70-8	70	8.4	12	15	22	18	50
COL70-10	70	10.4	12	15	22	18	54
COL70-12	70	13	12	15	22	18	54
COL70-14	70	14.5	12	15	22	18	63
COL70-16	70	17	12	15	22	18	63
COL95-8	95	8.4	13.5	16.5	24.4	20	52
COL95-10	95	10.4	13.5	16.5	24.4	20	52
COL95-12	95	13	13.5	16.5	24.4	20	52
COL95-14	95	15	13.5	16.5	24.4	20	56
COL95-16	95	17	13.5	16.5	24.4	20	56
COL120-08	120	8.4	15	19	27.8	22	55
COL120-10	120	10.5	15	19	27.8	22	55
COL120-12	120	13	15	19	27.8	22	55
COL120-14	120	15	15	19	27.8	22	59
COL120-16	120	17	15	19	27.8	22	59
COL120-20	120	21	15	19	27.8	22	69
COL150-08	150	8.4	16.5	21	30.7	27	64
COL150-10	150	10.5	16.5	21	30.7	27	64
COL150-12	150	13	16.5	21	30.7	27	64
COL150-14	150	15	16.5	21	30.7	27	64
COL150-16	150	17	16.5	21	30.7	27	64
COL150-20	150	21	16.5	21	30.7	27	72
COL185-10	185	10.5	19	23.1	33.5	27	67
COL185-12	185	13	19	23.1	33.5	27	67
COL185-14	185	15	19	23.1	33.5	27	67
COL185-16	185	17	19	23.1	33.5	27	67
COL185-20	185	21	19	23.1	33.5	27	75
COL240-10	240	10.5	21	26	37.6	33	76
COL240-12	240	13	21	26	37.6	33	76
COL240-14	240	15	21	26	37.6	33	76
COL240-16	240	17	21	26	37.6	33	76
COL240-20	240	21	21	26	37.6	33	82
COL300-10	300	10.5	24.5	30	44	42	95
COL300-12	300	13	24.5	30	44	42	95
COL300-14	300	15	24.5	30	44	42	95
COL300-16	300	17	24.5	30	44	42	95
COL300-20	300	21	24.5	30	44	42	95
COL400-12	400	13	27	32.2	47.2	44	102
COL400-14	400	15	27	32.2	47.2	44	102
COL400-16	400	17	27	32.2	47.2	44	102
COL400-20	400	21	27	32.2	47.2	44	102

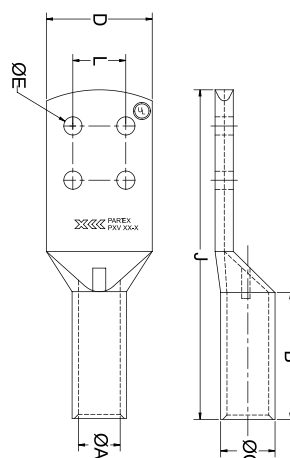
## TRANSFORMER CABLE LUGS - 4 HOLE PXV SERIES

ALL DIMENSIONS IN MM

Cat. #	Cable mm <sup>2</sup>	Stud Hole Dia ØE	A (ID)	D (Palm Width)	L (Hole) Center Distance	H (Hole) Longitudinal Distance	J (Total Length)
PXV300-10	300	10.5	23.7	30.0	24.0	20.0	101.0
PXV400-10	400	10.5	28.5	44.0	30.0	25.0	114.0
PXV400-12	400	12.5	28.5	44.0	30.0	25.0	114.0
PXV500-10	500	10.5	30.0	48.0	35.0	25.0	124.0
PXV500-12	500	12.5	30.0	48.0	35.0	25.0	124.0
PXV630-10	630	10.5	35.0	56.0	35.0	25.0	144.0
PXV630-12	630	12.5	35.0	56.0	35.0	25.0	144.0

### FEATURES

- Heavy Duty lugs for transformer application
- Facilitates good heat dissipations
- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Chamfered mouth for easy cable insertion



Diagram

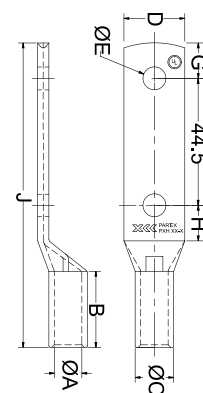


Transformer 4 Hole PXV

## HIGH VOLTAGE LUGS-TWO HOLE FIXING 33KV PXH SERIES

ALL DIMENSIONS IN MM

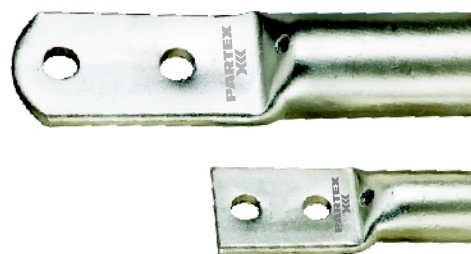
Cat. #	Cable mm <sup>2</sup>	E (Hole Size)	Stud Hole Dia ØE	A (ID)	C (OD)	D	G (Hole Distance from Palm end) N	H (Hole Distance from Barrel end) M	B (Barrel Length)	J (Total Length)
PXH-25E8	25 RS/BRS/BSS*	M8	8.4	6.8	10.0	16.0	15.0	17.0	37.0	123.0
PXH-25E12	25 RS/BRS/BSS*	M12	13.2	6.8	10.0	16.0	15.0	17.0	37.0	123.0
PXH-25 E10	25 BRS/BSS*	M10	10.5	6.8	10.0	16.0	15.0	17.0	37.0	123.0
PXH-35 E12	35 BRS/BSS*	M12	13.2	8.2	12.5	18.0	15.0	17.0	37.0	123.0
PXH-50 E12	50 SS/BRS/BSS*	M12	13.2	9.5	14.5	20.0	14.0	16.0	39.5	124.0
PXH-70 E12	70 BRS /BSS*	M12	13.2	11.0	16.0	23.0	14.0	16.0	42.0	126.0
PXH-95 E14	95 SS :- 100 SS	M14	15.0	13.5	19.0	27.0	16.0	18.0	46.0	138.5
PXH-95E12	95 BRS/BSS*	M12	13.2	13.5	19.0	27.0	16.0	18.0	46.0	138.5
PXH-120 E14	120 RCS/SS :- 150 RCS	M14	14.5	15.0	20.5	29.0	16.0	18.0	52.0	144.5



Diagram

### FEATURES

- 2 Hole heavy duty lugs are best suited in application where two bolts are needed to avoid rotation or movement of the lugs.
- They are used for heavy duty industrial application requiring mechanical strength
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Flat contact surface and precise stud holes as per the Metric standard
- Chamfered mouth for easy cable insertion



2 Hole Lugs PXH

Continued...



## HIGH VOLTAGE LUGS-TWO HOLE FIXING 33KV PXH SERIES

....Continued

ALL DIMENSIONS IN MM										
Cat. #	Cable mm2	E (Hole Size)	Stud Hole Dia ØE	A (ID)	C (OD)	D	G (Hole Distance from Palm end) N	H (Hole Distance from Barrel end) M	B (Barrel Length)	J (Total Length)
PXH-120 E12	120 BRS/BSS*	M12	13.0	15.0	20.5	29.0	16.0	18.0	52.0	144.5
PXH-15 E14	150SS:-160 RCS	M14	14.5	16.5	23.0	32.0	14.0	16.0	56.5	144.5
PXH-150 E12	150 BRS/BSS*	M12	13.0	16.5	23.0	32.0	14.0	16.0	56.5	144.5
PXH-185 E12	185 BRS/ BSS*	M12	13.2	18.5	24.0	34.0	16.0	18.0	65.0	156.0
PXH-240E14	240 SS :- 315 RCS	M14	14.5	21.0	26.5	38.0	16.0	20.0	65.0	160.0
PXH-240 E12	240 BRS/BSS*	M12	13.0	21.0	26.5	38.0	16.0	20.0	65.0	160.0
PXH-300 E12	300 BRS/BSS*	M12	13.0	23.5	32.0	45.0	17.0	19.0	79.5	175.0
PXH-400 E12	400 RS	M12	13.0	27.0	38.0	53.0	17.0	19.0	81.0	182.5
PXH-400 E14	400 RS	M14	14.5	27.0	38.0	53.0	17.0	19.0	81.0	182.5
PXH-400 E16	400RS	M16	17.0	27.0	38.0	53.0	17.0	19.0	81.0	182.5
PXH-500 E14	500 RS	M14	14.5	30.3	41.0	57.0	20.0	20.0	85.5	194.5
PXH-500 E16	500 RS	M16	17.0	30.3	41.0	57.0	20.0	20.0	85.5	194.5
PXH-630 E14	600 RS :- 630 RS	M14	14.5	33.4	43.0	61.0	20.0	20.0	95.5	206.5
PXH-630 E16	601 RS :- 630 RS	M16	17.0	33.4	43.0	61.0	20.0	20.0	95.5	206.5

- RS - Round Shaped
- RCS - Round Compact Shaped
- SS - Sector Shape
- BRS - IEC228(BS6360 Round Shaped)
- BSS - IEC228(BS6360 Sector Shaped)

## HEAVY DUTY MV CABLE LUGS - LONG BARREL - PXB SERIES

ALL DIMENSIONS IN MM							
Cat. #	Cable mm2	Stud Hole Dia	A (ID)	C (OD)	D ( Palm Width )	(Barrel Length) B	J ( Total Length )
PXB68	6	8.4	3.8	5.5	11.0	11.0	29.0
PXB108	10	8.4	4.5	6.2	11.0	11.0	29.0
PXB168	16	8.4	5.4	7.1	15.0	15.0	35.0
PXB1610	16	10.5	5.4	7.1	15.0	15.0	35.0
PXB258	25	8.4	6.8	8.8	15.0	15.0	35.0
PXB356	35	8.4	8.2	10.6	15.0	15.0	38.0
PXB358	35	8.4	8.2	10.6	15.0	15.0	38.0
PXB3510	35	10.5	8.2	10.6	15.0	15.0	38.0
PXB3512	35	13.2	8.2	10.6	15.0	15.0	38.0
PXB506	50	6.4	9.5	12.4	20.0	20.0	47.0
PXB508	50	8.4	9.5	12.4	26.0	20.0	47.0
PXB5010	50	10.5	9.5	12.4	26.0	20.0	47.0
PXB5012	50	13.0	9.5	12.4	26.0	20.0	47.0
PXB7010	70	10.5	11.2	14.7	28.0	22.0	54.0
PXB7012	70	13.2	11.2	14.7	28.0	22.0	54.0
PXB9512	95	13.2	13.5	17.4	24.0	24.0	59.0
PXB12012	120	13.2	15.0	19.4	27.0	27.0	65.0
PXB15012	150	13.2	16.0	19.6	32.0	32.0	75.0
PXB18512	185	13.2	18.5	23.5	39.0	39.0	85.0
PXB24016	240	17.0	21.0	26.5	46.0	46.0	100.0
PXB30016	300	17.0	23.5	30.0	54.0	51.0	110.0
PXB30020	300	21.0	23.5	30.0	54.0	51.0	110.0
PXB40020	400	21.0	28.5	36.5	62.0	53.0	123.0
PXB50020	500	21.0	30	39	58	58	134
PXB63020	500	21.0	35	45	78	78	156

Diagram

Long Barrel MV Lugs PXB

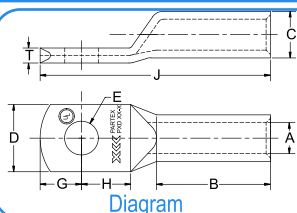
**FEATURES**

- Longer length barrel permits extra crimps for additional assurance on heavy duty loads.
- Seamless, one piece, copper construction with tin plating assures maximum conductivity.
- Generous entrance chamfer provides easy cable insertion.

## DIN 46235 LUGS PXD SERIES

ALL DIMENSIONS IN MM

Cat. #	Cable mm <sup>2</sup>	Stud Size €	Stud Hole Dia d2	A ( ID ) d1	C (OD) d3	G c1 '±3 MM	H c2 min	D (Palm Width) b	B (Barrel Length) a min	L +2	T s	Total Length J
PXD65	6	M5	5.4	3.8	5.5	9.0	6.0	8.5	10.0	24.0	1.5	33.0
PXD66	6	M6	6.4	3.8	5.5	10.5	8.0	8.5	10.0	24.0	1.5	34.5
PXD105	10	M5	5.4	4.5	6.0	9.0	6.0	9.0	10.0	27.0	1.5	36.0
PXD106	10	M6	6.4	4.5	6.0	10.5	8.0	9.0	10.0	27.0	1.5	37.5
PXD166	16	M6	6.4	5.5	8.5	10.5	8.0	13.0	20.0	36.0	2.5	46.5
PXD168	16	M8	8.4	5.5	8.5	13.0	10.0	13.0	20.0	36.0	2.5	49.0
PXD1610SC	16	M10	10.5	5.5	8.5	15.0	12.0	17.0	20.0	36.0	2.5	51.0
PXD256	25	M6	6.4	7.0	10.0	10.5	8.0	14.0	20.0	38.0	3.0	48.5
PXD258	25	M8	8.4	7.0	10.0	13.0	10.0	16.0	20.0	38.0	3.0	51.0
PXD2510	25	M10	10.5	7.0	10.0	15.0	12.0	17.0	20.0	38.0	3.0	53.0
PXD2512	25	M12	13.0	7.0	10.0	16.0	13.0	19.0	20.0	38.0	3.0	54.0
PXD358	35	M8	8.4	8.2	12.5	13.0	10.0	17.0	20.0	42.0	2.5	55.0
PXD3510SC	35	M10	10.5	8.2	12.5	15.0	12.0	19.0	20.0	42.0	2.5	57.0
PXD3512SC	35	M12	13.0	8.2	12.5	16.0	13.0	21.0	20.0	42.0	2.5	58.0
PXD508	50	M8	8.4	10.0	14.5	13.0	10.0	20.0	28.0	52.0	4.0	65.0
PXD5010	50	M10	10.5	10.0	14.5	15.0	12.0	22.0	28.0	52.0	4.0	67.0
PXD5012SC	50	M12	13.0	10.0	14.5	16.0	13.0	24.0	28.0	52.0	4.0	68.0
PXD5016	50	M16	17.0	10.0	14.5	19.0	16.0	28.0	28.0	52.0	4.0	71.0
PXD708	70	M8	8.4	11.5	16.5	13.0	10.0	24.0	28.0	55.0	4.5	68.0
PXD7010	70	M10	10.5	11.5	16.5	15.0	12.0	24.0	28.0	55.0	4.5	70.0
PXD7012SC	70	M12	13.0	11.5	16.5	16.0	13.0	24.0	28.0	55.0	4.5	71.0
PXD7016	70	M16	17.0	11.5	16.5	19.0	16.0	30.0	35.0	65.0	4.5	84.0
PXD9510	95	M10	10.5	13.5	19.0	15.0	12.0	28.0	35.0	65.0	5.0	80.0
PXD9512	95	M12	13.0	13.5	19.0	16.0	13.0	28.0	35.0	65.0	5.0	81.0
PXD9516	95	M16	17.0	13.5	19.0	19.0	16.0	32.0	35.0	65.0	5.0	84.0
PXD12010	120	M10	10.5	15.5	21.0	15.0	12.0	32.0	35.0	70.0	5.5	85.0
PXD12012SC	120	M12	13.0	15.5	21.0	16.0	13.0	32.0	35.0	70.0	5.5	86.0
PXD12016	120	M16	17.0	15.5	21.0	19.0	16.0	32.0	35.0	70.0	5.5	89.0
PXD12020	120	M20	21.0	15.5	21.0	22.0	20.0	38.0	35.0	70.0	5.5	92.0
PXD15010	150	M10	10.5	17.0	23.5	15.0	12.0	34.0	35.0	78.0	6.0	93.0
PXD15012	150	M12	13.0	17.0	23.5	16.0	13.0	34.0	35.0	78.0	6.0	94.0
PXD15016	150	M16	17.0	17.0	23.5	19.0	16.0	34.0	35.0	78.0	6.0	97.0
PXD15020	150	M20	21.0	17.0	23.5	22.0	20.0	40.0	35.0	78.0	6.0	100.0
PXD18510	185	M10	10.5	19.0	25.5	15.0	12.0	37.0	40.0	82.0	6.0	97.0
PXD18512	185	M12	13.0	19.0	25.5	16.0	13.0	37.0	40.0	82.0	6.0	98.0
PXD185-6SC	185	M16	17.0	19.0	25.5	19.0	16.0	37.0	40.0	82.0	6.0	101.0
PXD18520	185	M20	21.0	19.0	25.5	22.0	20.0	40.0	40.0	82.0	6.0	104.0
PXD24012	240	M12	13.0	21.5	29.0	16.0	13.0	42.0	40.0	92.0	6.5	108.0
PXD24016SC	240	M16	17.0	21.5	29.0	19.0	16.0	42.0	40.0	92.0	6.5	111.0
PXD24020	240	M20	21.0	21.5	29.0	22.0	20.0	45.0	40.0	92.0	6.5	114.0
PXD30016SC	300	M16	17.0	24.5	32.0	19.0	16.0	48.0	50.0	100.0	7.0	119.0
PXD30020	300	M20	21.0	24.5	32.0	22.0	20.0	48.0	50.0	100.0	7.0	122.0
PXD40016	400	M16	17.0	27.5	38.5	25.0	16.0	55.0	70.0	115.0	10.0	140.0
PXD40020	400	M20	21.0	27.5	38.5	25.0	20.0	55.0	70.0	115.0	10.0	140.0
PXD50020SC	500	M20	21.0	31.0	42.0	25.0	20.0	60.0	70.0	125.0	10.0	150.0
PXD62520	625	M20	21.0	34.5	44.0	25.0	20.0	60.0	80.0	135.0	10.0	160.0



Din Lugs PXD

### FEATURES

- Lugs as per DIN46235 Standard
- Tin Plated to inhibit corrosion
- Material - Electrolytic Copper
- Enclosed barrel prevent corrosion material from entering barrel when used in harsh environment

## CRIMPING THROUGH CONNECTORS - (FERRULES) - PXC SERIES

ALL DIMENSIONS IN MM				
Cat. #	Cable mm <sup>2</sup>	A (ID)	C (OD)	L (Total Length)
PXC122	1.5	1.8	3.7	22
PXC222	2.5	2.4	4.0	22
PXC422	4	3.1	4.8	22
PXC622	6	3.8	5.5	22
PXC630	6	3.8	5.5	30
PXC1022	10	4.5	6.2	22
PXC1030	10	4.5	6.2	30
PXC1644	16	5.4	7.1	44
PXC1650	16	5.4	7.1	50
PXC2547	25	6.8	8.8	47
PXC2550	25	6.8	8.8	50
PXC3547	35	8.2	10.6	47
PXC3550	35	8.2	10.6	50
PXC5047	50	9.5	12.4	47
PXC5056	50	9.5	12.4	56
PXC7050	70	11.2	14.7	50
PXC7056	70	11.2	14.7	56
PXC9554	95	13.5	17.4	54
PXC9570	95	13.5	17.4	70
PXC12065	120	15.0	19.4	65
PXC12070	120	15.0	19.4	70
PXC15065	150	16.5	21.2	65
PXC15080	150	16.5	21.2	80
PXC18565	185	18.5	23.5	65
PXC18585	185	18.5	23.5	85
PXC24089	240	21.0	26.5	89
PXC24090	240	21.0	26.5	90
PXC30089	300	23.5	30.0	89
PXC300100	300	23.5	30.0	100
PXC40090	400	26.8	34.8	90
PXC400150	400	26.8	34.8	150
PXC500115	500	30.0	39.0	115
PXC500160	500	30.0	39.0	160
PXC630115	630	35.0	45.0	115
PXC630160	630	35.0	45.0	160

**FEATURES** Long Barrel Connectors PXC

- Connector Long Barrel for better Pull Out Strength
- Internal wire stops provided to prevent over insertion of conductor
- Tin Plated to inhibit corrosion
- Material - Electrolytic Copper

## ANGULAR LUGS - ANGLED 90 DEGREE - PXA SERIES

ALL DIMENSIONS IN MM								
Cat. #	Cable mm <sup>2</sup>	E Stud Hole dia	A ID	C OD	D Palm Width	G Palm End to Stud Hole Center	H Stud Hole Center to Palm End other	B Barrel Length
PXA0606	6.0	6.4	3.8	5.5	10.0	6.0	7.0	9.5
PXA1005	10	5.3	4.5	6.2	11.0	6.0	6.5	10.5
PXA1006	10	6.4	4.5	6.2	11.0	6.0	7.0	10.5
PXA1008	10	8.4	4.5	6.2	11.0	8.0	9.0	10.5
PXA1605	16	5.3	5.4	7.1	12.0	6.0	6.5	12.0
PXA1606	16	6.4	5.4	7.1	12.0	6.0	7.0	12.0
PXA1608	16	8.4	5.4	7.1	12.0	8.0	9.0	12.0
PXA1610	16	10.5	5.4	7.1	14.0	10.0	11.0	12.0
PXA2506	25	6.4	7.0	9.0	14.0	6.0	7.0	13.0
PXA2508	25	8.4	7.0	9.0	14.0	8.0	9.0	13.0
PXA2510	25	10.5	7.0	9.0	14.0	10.0	11.0	13.0
PXA3506	35	6.4	8.2	10.6	16.0	6.0	7.0	15.5
PXA3508	35	8.4	8.2	10.6	16.0	8.0	9.0	15.5
PXA3510	35	10.5	8.2	10.6	16.0	10.0	11.0	15.5
PXA3512	35	13.2	8.2	10.6	16.0	12.0	14.0	15.5
PXA5006	50	6.4	9.5	12.4	19.0	7.0	8.0	16.5
PXA5008	50	8.4	9.5	12.4	19.0	8.0	9.0	16.5
PXA5010	50	10.5	9.5	12.4	19.0	9.5	11.5	16.5
PXA5012	50	13.2	9.5	12.4	19.0	12.0	12.0	16.5
PXA7008	70	8.4	11.2	14.7	21.0	8.0	9.0	20.0
PXA7010	70	10.5	11.2	14.7	21.0	10.0	11.0	20.0
PXA7012	70	13.2	11.2	14.7	21.0	12.0	14.0	20.0
PXA7016	70	17.0	11.2	14.7	21.0	16.0	18.0	20.0
PXA9508	95	8.4	13.5	17.4	25.0	8.0	9.0	24.5
PXA9510	95	10.5	13.5	17.4	25.0	10.0	11.0	24.5
PXA9512	95	13.2	13.5	17.4	25.0	12.0	14.0	24.5
PXA12010	120	10.5	15.0	19.4	28.5	10.0	11.0	25.5
PXA12012	120	13.2	15.0	19.4	28.5	12.0	14.1	25.5
PXA15010	150	10.5	16.0	19.6	30.0	11.0	13.0	28.5
PXA15012	150	13.2	16.0	19.6	30.0	14.0	16.0	28.5
PXA18510	185	10.5	18.5	23.5	34.0	11.0	13.0	31.5
PXA18512	185	13.2	18.5	23.5	34.0	14.0	16.0	31.5
PXA24012	240	13.2	21.0	26.5	38.0	14.0	16.0	33.0
PXA30012	300	13.2	23.5	30.0	43.0	14.0	20.0	42.0

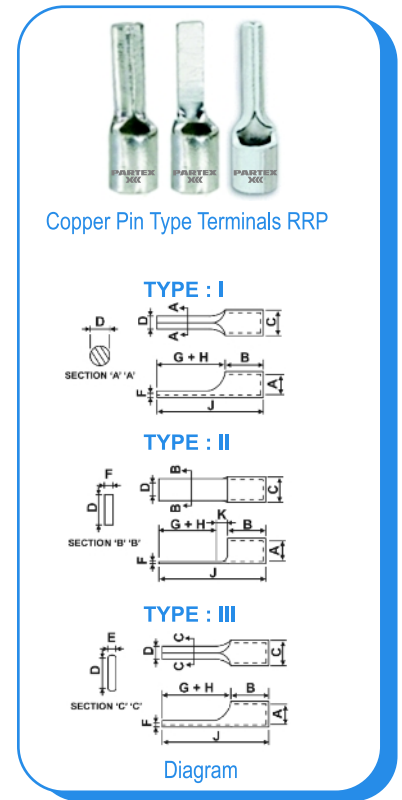
**FEATURES**

- Electrolytic High Conductivity Copper
- Electro Tinned Plated
- With / Without Inspection Hole

Diagram Angular Lugs PXA

## COPPER PIN TYPE TERMINAL ENDS - UNINSULATED - RRP SERIES

Cable Size mm	Stud Hole E Ø mm	C	D	ALL DIMENSIONS IN MM				J	Type	Product Code
				E	F	B	G+H			
1.0	1.1	2.6	1.9	-	0.75	5.0	12	17	I	RRP101
1.5	1.6	3.2	1.9	-	0.75	5.0	12	17	I	RRP151
1.5	1.6	3.2	3.2	-	0.75	5.0	12	17	II	RRP152
2.5	2.3	3.9	1.9	-	0.75	5.0	12	17	I	RRP251
2.5	2.3	3.9	3.1	-	0.75	5.0	14	17	II	RRP252
4.0	2.9	4.9	2.7	-	0.95	6.0	14	20	I	RRP401
4.0	3.6	5.6	5.1	-	0.95	6.0	14	20	II	RRP402
6.0	3.6	5.6	2.7	-	0.95	6.0	14	20	I	RRP601
6.0	4.0	6.0	2.7	-	0.95	6.0	14	20	II	RRP602
10.0	4.5	6.7	4.3	2.4	0.95	8.0	14	22	III	RRP1003
16.0	5.8	8.2	5.5	2.6	1.15	10	17	26	III	RRP1603
25.0	7.5	11.1	7.2	1.75	3.8	11	22	33	III	RRP2503
35.0	9.0	12.6	8.2	1.75	3.8	12	21	33	III	RRP3503
50.0	10.5	14.1	9.0	1.75	3.8	16	25	41	III	RRP5003
70.0	12.0	16	10.0	1.95	4.1	16	30	46	III	RRP7003



## PARTEX LUGS PRODUCT GALLERY



### APPROVALS



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