

# UTILUX BI-METAL LONG PALM LUGS BGLP TYPE

#### **KEY FEATURES**

- Suitable for aluminium to copper terminations
- Friction welded
- Manufactured from high purity copper and aluminium
- Individually packed in sealed plastic
- Alternative sizes made to order

Utilux is a brand that has built an enviable reputation for high quality, reliable electrical connectors. For over 90 years, this dynamic Australian brand has been a leader in the field of interconnection systems.

Our aim is to provide the best possible products and services to keep our customers at the cutting edge of industry standards - internationally.

You can be sure that Utilux branded products are fabricated from the finest materials and produced to exacting tolerances. They represent the latest technology and the best design for the tasks they are required to perform.

Utilux is a leading brand of electrical connectors sold to original equipment manufacturers and electrical distribution companies throughout Australia, New Zealand and Asia. A comprehensive range, the most up to date production technology and the highest quality control standards ensure that there are Utilux connectors, of optimum reliability and durability, for all major power distribution applications.

As part of the worlds largest electrical connector company, TE Connectivity, the development of products is an ongoing commitment. It is done on a global basis, utilising the talents of many people throughout the organisation to ensure a global product for a local market.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



#### **UTILUX BI-METAL LONG PALM LUGS**





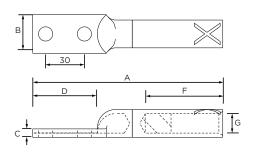


Copper to aluminium terminations can be made with the Utilux range of Bi-Metal products. Under normal conditions, when copper comes into contact with aluminium electrolytic corrosion may result, enhanced by the presence of oxygen. Utilux Bi-metal lugs have the copper friction welded to the aluminium. The friction welding process eliminates the presence of oxygen and therefore eliminates electrolytic corrosion. The welding process also maximises the strength of the joint.

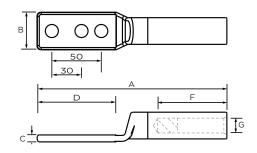
BLANK PALM PRODUCT SELECTION INFORMATION										
Catalogue Number	Conductor Area (mm²)	Dime	nsions	(mm)		Crimping Die				
		Α	В	С	D	F	G			
BG240LPMB	240	208	49	12	103	60	49	38-284AL, 40-283AL		
BG300LPMB	300	208	49	12	103	60	49	38-284AL, 40-283AL		
BG400LPMB	400	220	49	12	103	70	49	40-390AL		
BG500LPMB	500	220	49	12	103	70	49	40-390AL		
BG630LPMB	630	220	49	12	103	70	49	40-432AL		
BG800LPMB	800	265	49	12	103	115	49	40-432AL		

В	
c + D	A F G

Catalogue Number	Conductor Area (mm²)	Stud Size	Dime	nsions	(mm)	Crimping Die			
			Α	В	С	D	F	G	
BG35LPM10-30	35	M10	113	22	5	50	32	8.5	38-132AL
BG80LPM10-30	80	M10	157	30	6.5	50	60	12.5	38-173AL, 40-172AL
BG95LPM12-30	95	M12	157	30	6.5	50	60	13	38-173AL, 40-172AL
BG120LPM10-30	120	M10	157	30	6.5	50	60	15	38-173AL, 40-172AL
BG150LPM12-30	150	M12	160	38	7	50	60	16.5	38-220AL, 40-220AL



3 HOLE PALM PRODUCT SELECTION INFORMATION									
Catalogue Number	Conductor Area (mm²)	Stud Size	Dimensions (mm)						Crimping Die
			Α	В	С	D	F	G	
BG120LPM12-30-50	120	M10	192	38	7	80	70	15	38-220AL
BG180LPM12-30-50	180	M12	192	38	7	80	70	19.3	38-220AL



Hole sizes and centres can be made to order. Stud size MB means blank palm.

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## FOR MORE INFORMATION: TE Customer Support Centers

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