

MCCB Bimetallic Lug Connector

These bimetallic lugs are used for transition connections between aluminum or aluminum alloy cables and the copper ends of electrical equipment in low voltage systems. The connectors feature a central palm, oil blocking structure, and narrow palm design suitable for equipment with limited contact space.



ADDITIONAL IMAGES



Overview

MCCB Bimetallic Lug Connector

These bimetallic lugs are engineered for the transition connection of aluminum or aluminum alloy cables to copper equipment terminals in low-voltage systems. Featuring a friction-welded construction and a specialized narrow palm design, they are ideal for constrained spaces such as MCCB and motor connections. Each unit is prefilled with jointing compound and includes clear barrel markings to ensure precise crimping and reliable, long-term electrical performance.

Technical Specifications

Type	Conductor Size (mm²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	B(mm)			
MCCB10-8	10	53	4.5	12.5	14	M8	150x8	MLA10-35
MCCB16-8	16	53	5.5	12.5	14	M8	150x8	MLA10-35
MCCB25-8	25	53	7	12.5	14	M8	140x8	MLA10-35
MCCB35-8	35	53	8	12.5	14	M8	140x8	MLA10-35
MCCB50-8	50	56	9	15	16	M8	80x8	MLA50
MCCB70-8	70	56	11	17.5	16	M8	80x8	MLA70
MCCB95-8	95	59	12.5	21	18	M8	50x8	MLA95-120
MCCB95-10		59	12.5	21	18	M10		
MCCB120-8	120	59	13.7	21	18	M8	100x4	MLA95-120
MCCB150-8	150	77	15.5	28	25	M8	40x4	MLA150-240
MCCB150-10		76	15.5	28	25	M10		
MCCB150-12		74.5	15.5	28	25	M12		
MCCB185-8	185	77	17	28	25	M8	40x4	MLA150-240
MCCB185-10		76	17	28	25	M10		
MCCB185-12		74.5	17	28	25	M12		

Technical reference table covering conductor ranges and recommended crimping die compatibility.

Key Features

Friction Welded • Oil Blocking Structure • Central Palm • Narrow Palm Design • Prefilled with Jointing Compound

Material Composition

Al e 99.5%, Cu e 99.9%

Compliance Standard

IEC61238-1:2003

Best Suited For

MCCB and motor connections with narrow contact areas

Dimensional Data

MCCB240-8	240	77	19.5	28	25	M8	40x4	MLA150~240
MCCB240-10		76	19.5	28	25	M10		
MCCB240-12		74.5	19.5	28	25	M12		
MCCB300-10	300	90	22	32	30	M10	30x4	MLA300
MCCB300-12		88.5	22	32	30	M12		
MCCB300-16		86.5	22	32	30	M16		
MCCB400-10	400	95	25.1	36	32	M10	25x4	MLA400
MCCB400-12		93.5	25.1	36	32	M12		
MCCB400-16		91.5	25.1	36	32	M16		

Dimensional reference chart for selecting the correct lug size and stud configuration.

Standard Dimensions and Compatibility

Type	Conductor (mm ²)	Stud Size	Crimping Die
MCCB10-8	10	M8	MLA10~35
MCCB50-8	50	M8	MLA50
MCCB95-8	95	M8	MLA95~120
MCCB150-10	150	M10	MLA150~240
MCCB240-10	240	M10	MLA150~240
MCCB300-16	300	M16	MLA300
MCCB400-16	400	M16	MLA400