

Aluminum Cable Lug Connector

Aluminum lug designed for connecting aluminum cable to electrical equipment. It features clear markings on the barrel to indicate the correct crimping location and is made to DIN standard 46329.



Overview

High-Performance Aluminum Cable Lugs

These AU series aluminum lugs are engineered for secure terminations of aluminum and aluminum alloy conductors in medium voltage electrical equipment. Manufactured from high-purity aluminum (Al e 99.5%), they feature a tin-plated surface to ensure superior conductivity and long-term corrosion resistance. The design includes an oil-blocking structure and comes prefilled with jointing compound to maintain connection integrity in demanding industrial environments.

Technical Standards

Compliance & Standards	DIN 46329, Germany Norm, Medium Voltage
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Material & Build

Material Composition

99.5 %

Aluminum Purity

Surface Finish	Tin plated
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Installation Features

Key Features

- Oil blocking structure for enhanced reliability
- Clear barrel markings for precise crimping location
- Compatible with DIN standard crimping dies
- Prefilled with jointing compound

Compatible Crimping Dies

DL12 • DL14 • DL16 • DL18 • DL22 • DL25 • DL28 • DL32

Product Range

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	B(mm)			
AU16-8	16	50	5.8	12	20	M8	150x8	DL12
AU16-10		50	5.8	12	20	M10		
AU25-8	25	50	6.8	12	25	M8	150x8	DL12
AU25-10		50	6.8	12	25	M10		
AU35-8	35	62	8	14	25	M8	100x8	DL14
AU35-10		62	8	14	25	M10		
AU50-10	50	62	9.8	16	25	M10	80x8	DL16
AU50-12		62	9.8	16	25	M12		
AU70-10	70	72	11.2	18.5	25	M10	50x8	DL18
AU70-12		72	11.2	18.5	25	M12		
AU95-8	95	77	13.2	22	25	M8	40x8	DL22
AU95-10		77	13.2	22	25	M10		
AU95-12	77	13.2	22	25	M12			
AU120-10	120	82	14.7	23	30	M10	60x4	DL22
AU120-12		82	14.7	23	30	M12		
AU120-16	82	14.7	23	30	M16			

Dimensional data and die compatibility for small to medium conductor sizes.

AU150-10	150	90	16.3	25	30	M10	40x4	DL25
AU150-12		90	16.3	25	30	M12		
AU150-16	185	90	16.3	25	30	M16	40x4	DL28
AU185-12		91	18.3	28.5	30	M12		
AU185-16	91	18.3	28.5	30	M16			
AU240-12	240	103	21	32	38	M12	25x4	DL32
AU240-16		103	21	32	38	M16		
AU300-12	300	103	23.3	34	38	M12	25x4	-
AU300-16		103	23.3	34	38	M16		
AU400-16	400	116	26	38.5	38	M16	16x4	-
AU500-16	500	122	29	44	44	M16	16x4	-

Dimensional data for large-scale industrial cable terminations.

Detailed Dimensions & Sizing

Type	Conductor Size (mm ²)	Stud Size	L (mm)	Crimping Die
AU16-8	16	M8	50	DL12
AU25-10	25	M10	50	DL12
AU35-10	35	M10	62	DL14
AU50-12	50	M12	62	DL16
AU70-12	70	M12	72	DL18
AU95-12	95	M12	77	DL22
AU120-12	120	M12	82	DL22
AU150-12	150	M12	90	DL25
AU185-16	185	M16	91	DL28
AU240-16	240	M16	103	DL32
AU300-16	300	M16	103	DL32
AU400-16	400	M16	116	N/A
AU500-16	500	M16	122	N/A

Conductor Size Range

16mm² to 500mm²