



## Connection and protection components for LV distribution system

### CPTAU/DPB - Insulated terminal lugs and joints for LV overhead connections

#### General description

The bimetallic terminal lugs are manufactured with tinned plated aluminum, covered inside with inhibitory neutral grease to achieve the insulation of the connection. It can connect both types of materials: aluminum or copper conductors.

The insulated joints are made of aluminum, with similar constructive characteristics as the terminal lugs.

The number and the order of the hexagonal compressions are described in its insulating compression-resistant cover.

Both terminal lugs and joints stated in the Chart of Models generally accept the indicated conductors sections (both in mm<sup>2</sup> and AWG) except those marked with \*, which only accept compacted conductors.

We recommend verifying the conductor sections that will be used regarding the inner diameter stated in the table.

The JMH hydraulic compression tool model is recommended to obtain a perfect compression.



CPTAU

Table of models

PREINSULATED TERMINALS	MODEL	CONDUCTORS (Al/Cu)		Inner Diameter (mm)	compression die
		mm <sup>2</sup>	AWG		
	CPTAU 16	16	5	5.5	17
	CPTAU 25	25	3	6.5	17
	CPTAU 35	35	2	8	17
	CPTAU 50	50	1/0*	9	17
	CPTAU 54	54,6	1/0	10	17
	CPTAU 70	70	2/0	11	17
	CPTAU 95	95	4/0*	12.5	17

\*AWG Equivalences only for compacted conductors. For other sections, please ask



DPB

PRE-INSULATED JOINTS	MODEL	CONDUCTORS (Al/Cu)		Inner Diameter (mm)	compression die
		mm <sup>2</sup>	AWG		
	DPB 16	16	5	5.5	17
	DPB 25	25	3	6.5	17
	DPB 35	35	2	8	17
	DPB 50	50	1/0*	9	17
	DPBN 54	54,6	1/0	10	17
	DPB 70	70	2/0	10.5	17
	DPBN 70	70	2/0	11	17
	DPB 95	95	4/0*	12.5	17

\*AWG Equivalences only for compacted conductors. For other sections, please ask. For reduction joints, please ask



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