

KPB | UNIVERSAL INSULATION PIERCING CONNECTOR - LV

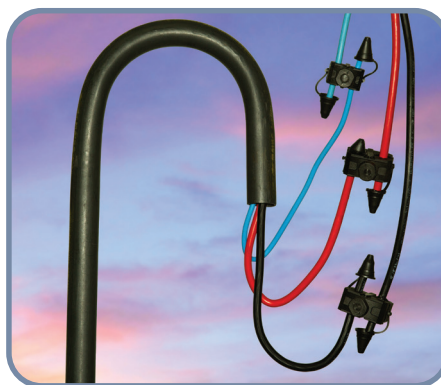
KPB family connectors are designed to attend connections in consumer entrance service between solid or flexible (bare or insulated) conductors, in aluminum or copper stranded without stripping and removing insulation from the conductors, with **KPB**, the lineman no longer needs to identify the side of connector for application since both sides of the product apply these conductors defining the universal concept of the product. Among the main features of the **KPB** family, this is the innovative design of the busbar that accomplishes the spring effect in the connection and the greater application range of its models that reduces the quantity of items to be selected by the operator reducing significantly the index of network failures by selection error. The **KPB** establishes electrical contact, protecting and insulating the connection, keeping the weather-proofing. **KPB** family accommodates range of cables in the range of 4mm² to 240mm².



Connector cross-sectional image



TYPE	mm ²		AWG/MCM		APPLICATION TORQUE (Nm)
	MAIN RANGE	TAP RANGE	MAIN RANGE	TAP RANGE	
1	10 - 50	10 - 50	8 - 1/0	8 - 1/0	8 - 10
2	10 - 95	4 - 35	8 - 3/0	12 - 2	
3	35 - 95	25 - 70	2 - 3/0	4 - 2/0	
4	50 - 150	6 - 35	1/0 - 300	10 - 2	12 - 14
5	25 - 120	25 - 120	4 - 4/0	4 - 4/0	
6	50 - 150	50 - 150	1/0 - 300	1/0 - 300	
7	16 - 150	6 - 35	6 - 300	10 - 2	
8	70 - 240	120 - 240	2/0 - 500	4/0 - 500	



Additional information can be obtained from our Technical Product Specification ETE-085.