

## Bimetallic branch connectors



All types are available on request with stainless steel components and with belleville spring washers instead of pressure pad.

### Materials

Bodies: forged corrosion resistant high strength al-alloy AlMgSi F31  
 Pressure pad: corrosion resistant high strength al-alloy AlMgSi F31  
 Bolts and nuts: steel 8.8, hot dip galvanized  
 Washers: spring steel, galvanized

In the branch conductor channel (copper conductor side) is hot forged a special bimetal Cupal sheet which guaranties a real molecular connection between copper and aluminium materials to avoid corrosion.

Nuts are compressed into lower body and unloose able for better installation.

All conductor channels are cross grooved for better contact.

Part no.	Main conductor cross section (mm <sup>2</sup> )		Branch conductor cross section (mm <sup>2</sup> ) Cu	Conductor diameter (mm)		Bolts	Torque (Nm) (Nm max.)	Weight (100/kg)
	Al	ACSR		Al	Cu			
<b>1 bolt</b>								
3919	16 - 70	16/2.5 - 70/12	6 - 50	5.1 - 11.7	2.75 - 9.0	M8	22	6.0
3920	16 - 95	16/2.5 - 70/12	1.5 - 10	5.1 - 12.5	1.5 - 5.1	M8	22	5.9
<b>2 bolts</b>								
3909	16 - 70	16/2.5 - 70/12	6 - 50	5.1 - 11.7	2.75 - 9.0	M8	22	11.0
3910	16 - 95	16/2.5 - 70/12	6 - 50	5.1 - 12.5	2.75 - 9.0	M8	22	11.5
3911	25 - 150	25/4 - 120/20	10 - 95	6.3 - 15.7	4.1 - 12.5	M8	22	15.0
<b>3 bolts</b>								
3913	35 - 185	35/6 - 150/25	35 - 185	7.5 - 17.5	7.5 - 17.5	M10	44	44.0
3915	35 - 300	35/6 - 265/35	35 - 240	7.5 - 22.5	7.5 - 20.2	M10	44	68.0