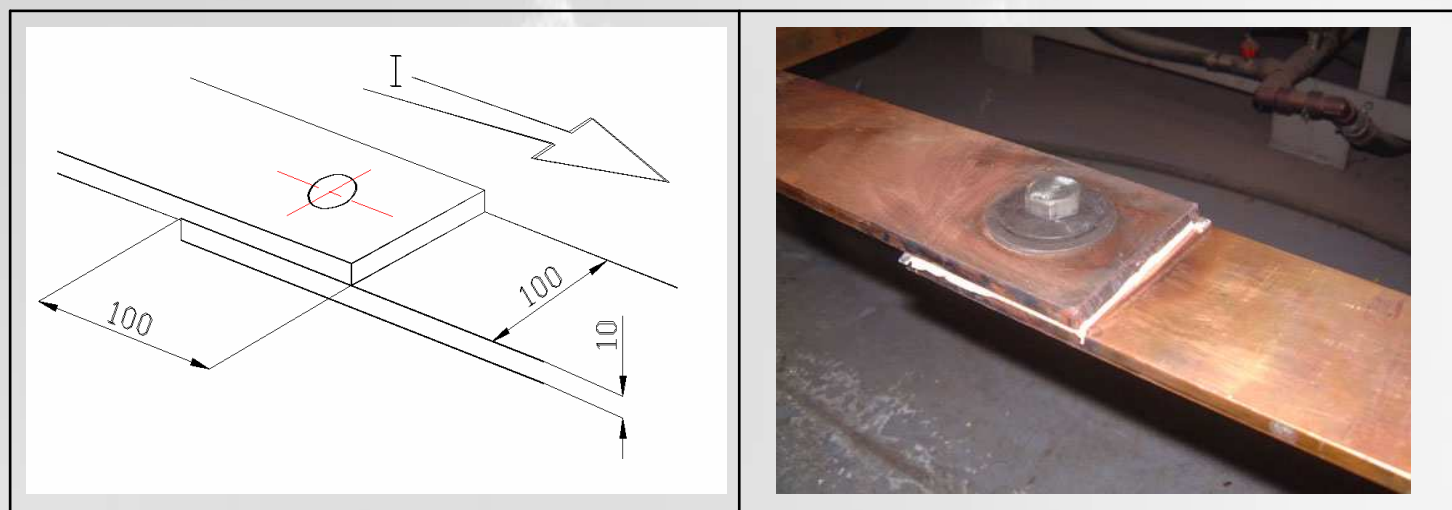


Copper/Copper connection

Example of application: bus bars



Measure table:

Example on 1 Connection bus bars :

I	Without ECOCONTACT®	With ECOCONTACT®	Saved Power	
			92 W	86 %
2000 A	54 mV	8 mV after 5 min	92 W	86 %
10000 A	140 mV	14.3 mV after 7 min	1,257 KW	90 %

Gain with **ECOCONTACT®**:

Saved power for 1 cell containing 40 bus bars : $\approx 3,68$ kW

Yearly energy gain : $3,68$ kW x 8000h = ≈ 29440 kWh/year/cell

Estimated cost of kWh : 0,06€

Yearly economic gain : 3680 kWh x 0.06€ = $\approx 1766,4$ €

ECOCONTACT® equipment cost: ~ 1200 €

ECOCONTACT® Return on investment: < 8 month

ECOCONTACT® shelf life in this connection : > 5 years

Advantages :

- Very high energy savings in the interface. Suppression of oxidation. Long-lasting stability. Homogeneous share-out of power in all the bus bars.