

C300B 1-Phase 360A connection

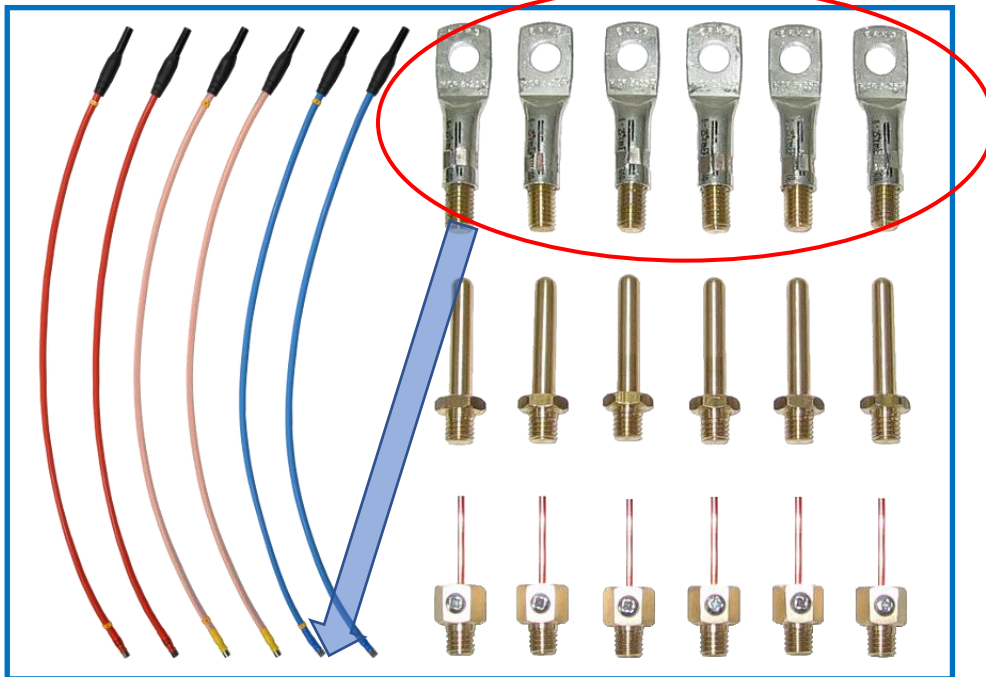
Information Note No19

The C300B Calibrator in single phase circuit enables generating of current up to 360A.

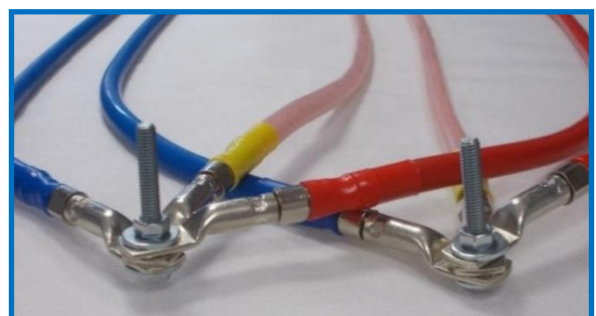
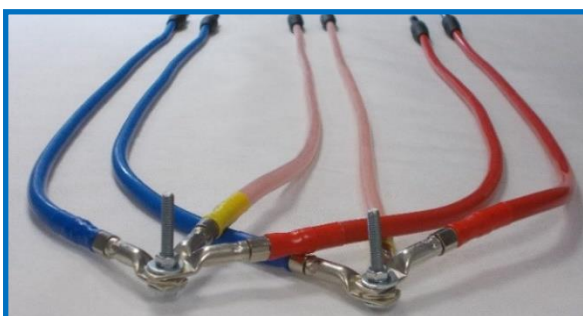
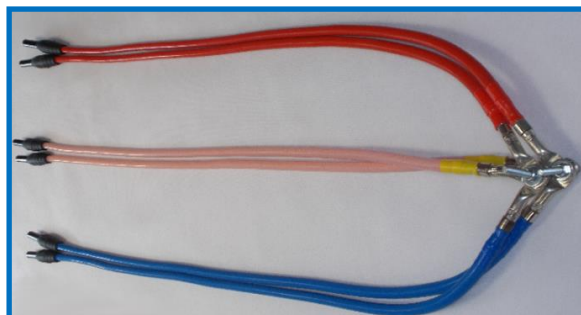
There is no need of special, additional equipment to get 360A - single phase.
All that is needed are AKD300 set of current cables up to 120A and 2 screws with nuts M8 (8mm) size, preferred brass but it can be also popular steel.

The figures below show the general idea.

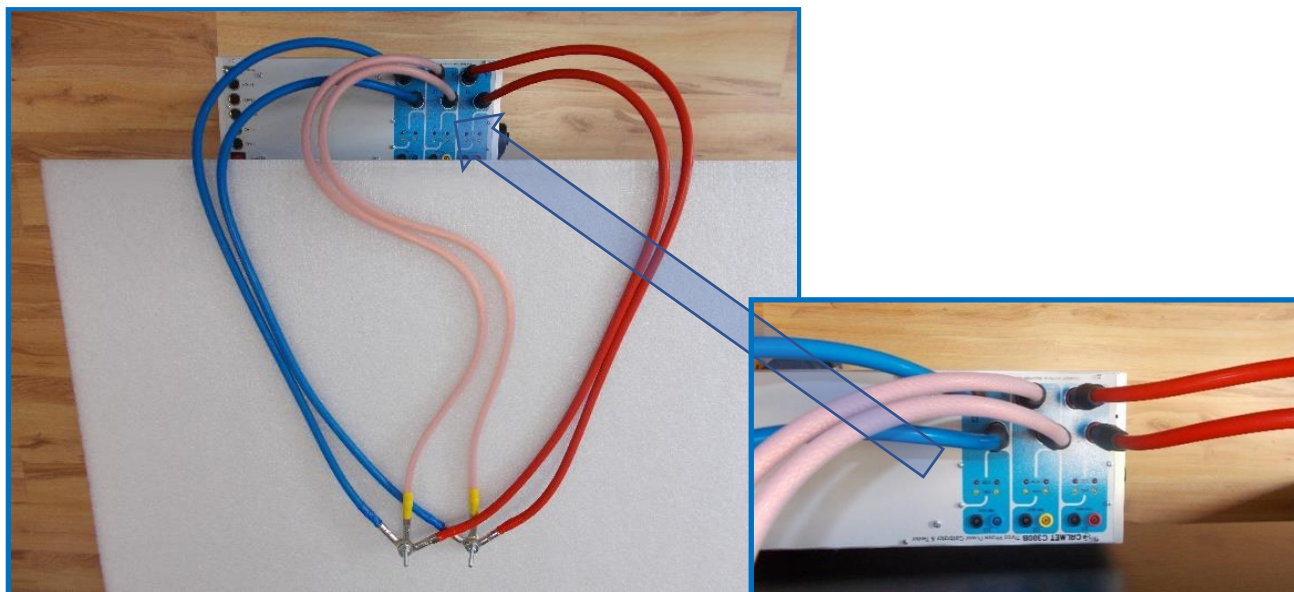
Full set of AKD300 cables and terminals:



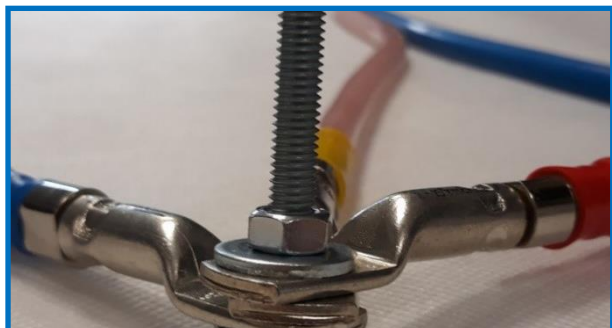
AKD300 cables with terminals prepared for parallel connection:



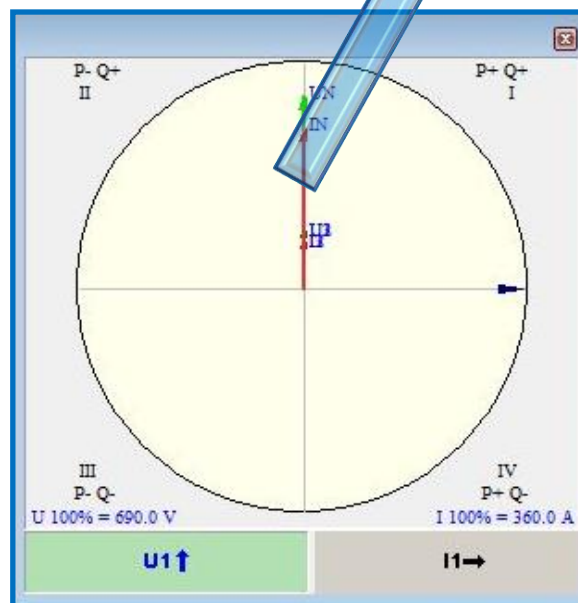
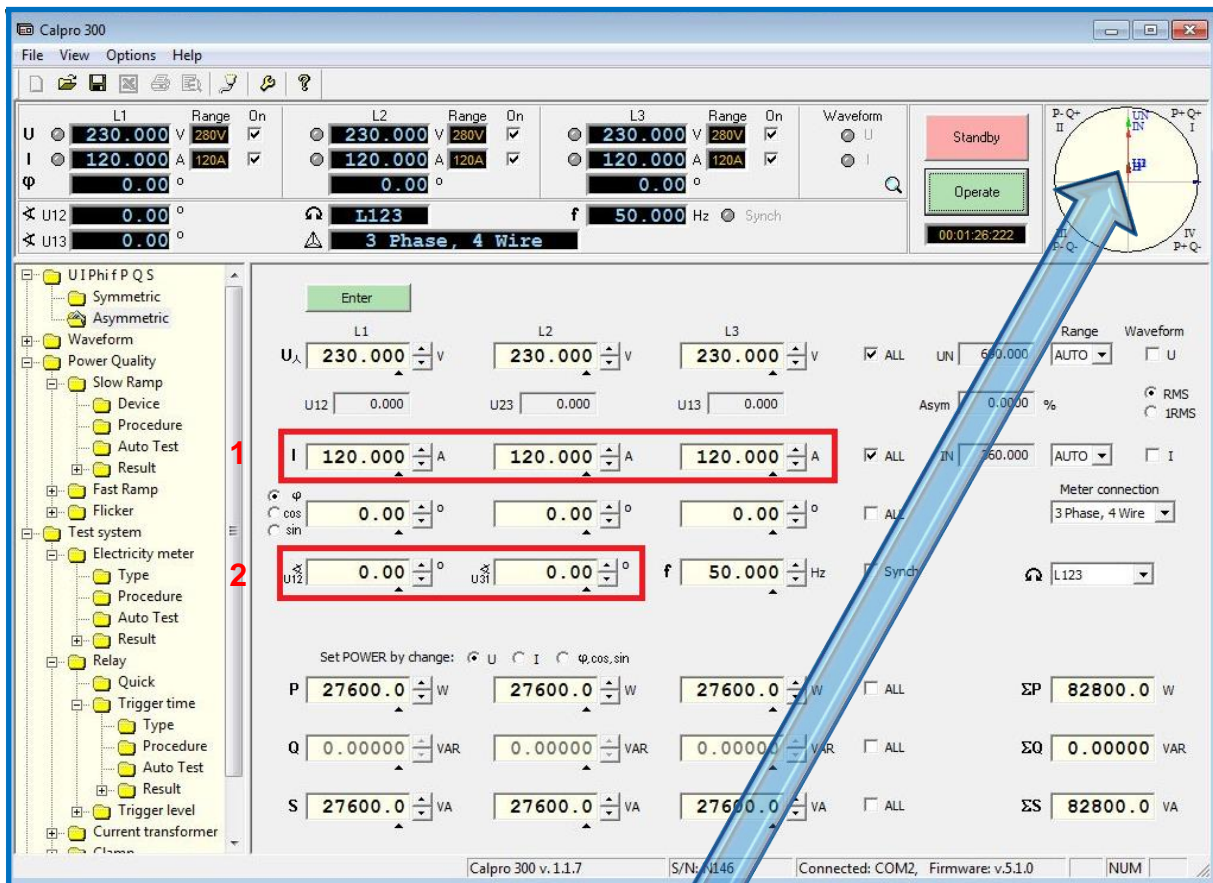
Connection of AKD300 cables to the C300B Calibrator:



Details of connection. The sequence of assembly: screw, washer, terminal, terminal (ring tips), washer, nut.



Please also remember, that in three phase setting of the C300B (in Asymmetric mode), in current channels L2 and L3 must be set the same values as in phase L1 (see *below the field 1*) and phase shifts between voltages have to be set to 0 (from 120 and 240 degrees – see *below field 2*).



After performing the above mentioned steps the parallel connection of C300B current outputs will be achieved and output current up to 360A will be generated.