

Please send back the questionnaire to c.brenncke@zera.de or fax +49 2223 704 70
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Questionnaire for MCB/MCCB test equipment

Please clarify all questions as far as possible with customer
and put the info down into the corresponding fields.

For more space use separate sheets.

Requirement	Remarks
1. How many MCB/MCCB in which time must be checked? (Degree of automation)	
2. Number of poles ?	
3. High voltage test?	
a) Which tests?	
b) Testing time?	
4. Magnet tripping test?	
a) min. I_N ?	
b) max. I_N ?	
c) min. overcurrent factor x I_N ?	
d) max. overcurrent factor x I_N ?	
e) min. pole resistance [Ω] ?	
f) max. pole resistance [Ω]?	
g) Tripping time measurement?	

5. Thermal overload test?	
a) min. I_N ?	
b) max. I_N ?	
c) min. overcurrent x I_N ?	
d) max. overcurrent x I_N ?	
e) min pole resistance [Ω] ?	
f) max. pole resistance [Ω]?	
g) Tripping time?	
h) How many MCB/MCCB are checked at the same moment (cycle time)?	
6. Thermal overload adjustment?	
7. Should the adjusting screw sealed after the thermal adjustment, e.g., with lacquer?	
8. Should incorrect test specimens be selected after fail characteristic features?	
9. Should the test data to be stored in a data base (statistic)?	
10. Should the test specimen be printed, e.g., laser or tampon?	
11. Do test specimens have a coding for the type recognition (e. g. barcode)?	
12. Is the transportation method, given? E.g., conveyor belt, rotary table, tools support	