

7 Type Tests are carried out by the manufacturer on typical switchboard arrangements:

- Test no. 1 – temperature rise limits
- Test no. 2 – dielectric properties
- Test no. 3 – short-circuit withstand strength
- Test no. 4 – effectiveness of the circuit protection
- Test no. 5 – clearance and seepage distances
- Test no. 6 – mechanical operation
- Test no. 7 – degree of protection

3 Routine Tests are carried out by the assembler on the completed switchboard to check type test validity:

- Test no. 8 – wiring and electrical operation
- Test no. 9 – insulation/dielectric test
- Test no. 10 – protective measures