b. Operation of D.C. closing coil and satisfactory closing of the circuit breaker with the voltage on the coil between 85 per cent of it's rated voltage and 110 per cent of it's rated voltage.

c. Satisfactory shunt opening and shunt closing of the circuit breaker with the trip coil energized

d. Interchange ability of identically equipped withdraw able circuit breakers and checking of all mechanical and electrical interlocks.

e. Current injection tests as described under Clause 3.11.

f. Type Test Certificates giving records of performance for identical circuit breakers shall be made available.

1.3.14 Disconnect Switches

1.3.14.1 Fuse Switches

A. Fuse switches, where specified, shall comprise flush/surface mounted heavy duty composite air break switches and fuse units complying with BS EN 60947-3 and fitted with fuses to BS EN 60269 and shall be rated and equipped as detailed. Composite units shall be contained within an enclosure of metal and shall be fitted with an earthing terminal or equivalent to enable the enclosures to be earthed irrespective of any means of connection such as is provided for attaching armouring or other metallic covering of the cable supplying the composite unit.

B. Fuse switch shall be capable of making, carrying and breaking current under normal circuit condition, which may include specified operating overload conditions and also carrying for specified time currents under specified circuit conditions such as those of short circuit.

C. The switch breaking capacity shall be related to AC 23 utilization category or other approved equivalent standard for 400V, 3 phase, 50Hz, 4 wire operation for use on specified fault level and for service and site climatic conditions as described in Clause 3.11.

D. BS EN 60269 complied HRC fuses shall be provided as a mean of over current/overload protective device to protect the switch. The maximum rated current of the fuse with regard to the prospective short circuit current in the actual circuit shall be mentioned.

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