

to be totally withdraw-able type 4-Pole type Air Circuit Breaker.

- 3.2.5 Where consumer's Main Low Voltage distribution board/panel is connected to DEWA's two or more distribution transformers, separate bus-sections with mechanically and electrically interlocked bus-section breakers/isolators (4-pole) shall be provided.
- 3.2.6 All incoming cable terminations/ Live connections in metering cabinets and other main and sub-main distribution boards shall be adequately shrouded and insulated. All exposed live terminal Connections and bus bars in any low voltage distribution board shall be shrouded and/or insulated.
- 3.2.7 Consumer's main & sub-main Panels/Distribution Board/s and final distribution boards shall all be installed in locations to which access is available at all times. A minimum space of 1500 mm shall be provided in the front and 750 mm on the sides, to permit safe operation, inspection, testing and maintenance, for cubicle type panels/switch boards. Panels with rear access doors shall have, in addition, a minimum space of 750 mm in the rear. The mounting height (to the top of the board/s) shall normally be 2 meters from the ground/floor level.
- 3.2.8 All Main Electrical switch rooms and other Sub electrical switch rooms in which capacitor banks are installed shall be air-conditioned. The non-air-conditioned electrical rooms shall be adequately ventilated and provided with necessary heavy duty exhaust fan/s and fire resistant/metallic louvered door/s, as applicable.
- 3.2.9 Door opening of electrical switch room shall be arranged outwards, be kept free from obstructions and shall not be open towards driveway, staircase, steps, etc.
- 3.2.10 Adequate level of illumination shall be provided to facilitate safe operation at all times. All electrical rooms shall be provided with safety and emergency fittings as specified under section 4 of this regulation
- 3.2.11 Incoming supply cable/s to the consumer's main Distribution Board/s shall be totally segregated and identified from the consumer's cables.
- 3.2.12 Termination of incoming supply cable at the Consumer's Metering Cabinet/Main Distribution Board (MDB) shall be carried out by consumer's contractor, in accordance with section 7 of this Regulation.
- 3.2.13 Electrical switch room shall not be located below/ beside wet areas such as bathrooms, toilet, kitchen, pantry, storage tanks, air conditioning chillers or other liquid/ hazardous materials or carry any water pipe installation within /on its wall.