

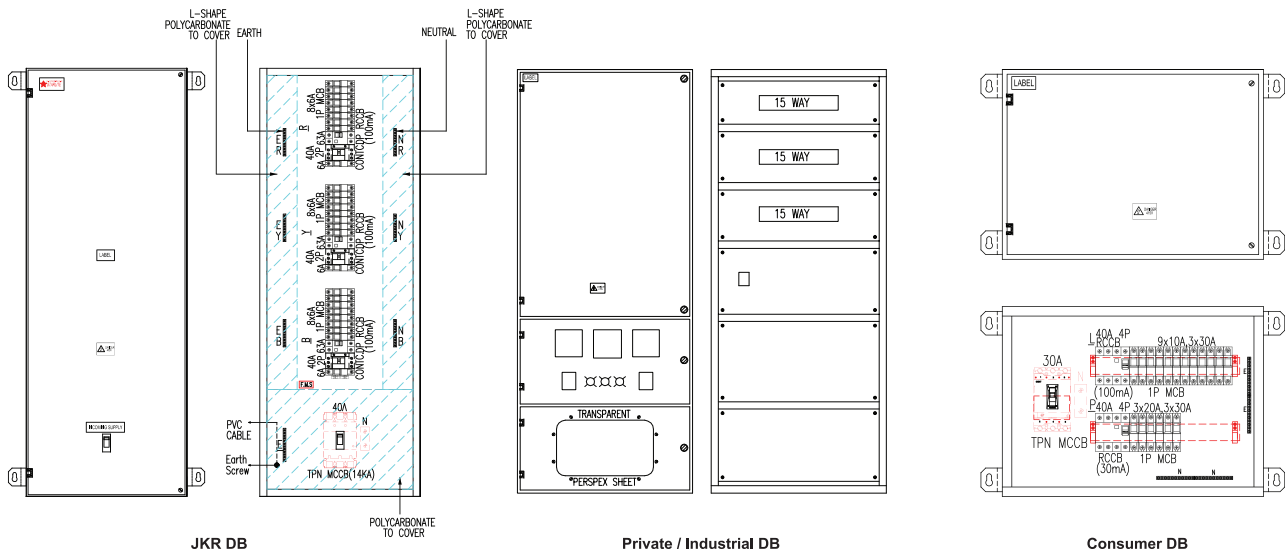
DISTRIBUTION BOARD

TYPE TESTED WITH IEC 61439-3:2020



LOW VOLTAGE SWITCHGEAR & CONTROLGEAR ASSEMBLIES

PART 3: DISTRIBUTION BOARDS INTENDED TO BE OPERATED BY ORDINARY PERSONS (DBO)



IEC 61439-3:2020 TYPE TESTS

- | | |
|---------------------------------------|--------------------------------------|
| 1: Corrosion-Damp Heat Cycling | 8: PE Resistance Measurement |
| 2: Properties Of Insulating Materials | 9: Power-Frequency Withstand Voltage |
| 3: Lifting | 10: Impulse Withstand Voltage |
| 4: Mechanical Impact | 11: Temperature Rise |
| 5: Marking | 12: Short-Circuit Withstand Strength |
| 6: IP Test | 13: Mechanical Operation |
| 7: Creepage / Clearance | |

ELECTRICAL CHARACTERISTIC

Rated Voltage

- | | |
|--|-----------------------|
| • Rated Operational Voltage (V AC) | 380 / 400 / 415 Va.c. |
| • Rated Impulse Withstand Voltage U Imp (kv) | 4kV / 6kV |
| • Overvoltage Category | III |
| • Degree of Pollution | 3 |

Rated Current

- | | |
|---|--------------------------------|
| • Busbar Rated Current (Amp) | 40A / 60A / 100A / 150A / 250A |
| • Rated Short Time Withstand Current (kA) | 16kA 1s |
| • Types of System Earthing | TN-S |
| • DBO Tested with Surge Protection Device | Yes |

MECHANICAL CHARACTERISTIC

- | | |
|---|--|
| • Degree of Protection | IP40, IP55 |
| • Surface Protection | Oven Baked / Anti Rust Treatment / Epoxy Power Coating |
| • Standard Colors | RAL 7032 Other Colors Upon Request |
| • Access | Front |
| • Cable Entry | Top and Bottom |
| • Ventilation | Mechanical Air Louvers |
| • Enclosure Material | EG Sheet |
| • Intended for use by Skilled or Ordinary Persons | Ordinary Persons |
| • Protection Against Mechanical Impact | IK05 for Indoor |

Robust Architecture



Perfect blend of Strength & Weight

Technically Proven



Member of SR Registrars (Pvt) Ltd



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