

If you need switches and protection for MW-scale DC power systems we can save you space and money. You don't need to go for expensive solutions - like Air Circuit Breakers - for high-ampere DC circuits.

Use DC moulded case circuit breakers and switch-disconnectors - specially developed for high-current equipment. See over for the benefits...



SWITCHING AND PROTECTION FOR BATTERIES 1MW+

UPS / ENERGY STORAGE / TELECOMS / RENEWABLES / DC POWER



BENEFITS



BENEFITS

TemBreak MCCB | DC



Reduce system dimensions:

COMPACT MCCBS UP TO 3200A

Optimise size to budget:

800A TO 3200A IN 3 FRAMES

Use in:

UPS, BATTERY STORAGE, TELECOMS, RENEWABLES, DC

Below are the specifications for MCCBs for large DC systems. We also have a range of smaller DC breakers starting at 20A and have solutions up to 1000V DC. Contact us for more details.

| Frame Reference | Quantity | Unit | Condition | TB2 1000 | TB 1250 | TB 1600 | TB 3200 | | | |
|-------------------------------------|-----------|------|-----------|----------|---------|---------|---------|--------|--------|--------|
| Max. In (A) of Frame | | | | 800 | 1000 | 1250 | 1600 | 3200 | | |
| Model | | | | S800 | S1000 | XS1250 | XS1600 | XS2000 | XS2500 | XS3200 |
| No. of Poles | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Type | | | | ND | ND | ND | ND | ND | ND | ND |
| Nominal current ratings | I_n | (A) | 50°C | 630,800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3200 |
| Electrical characteristics | | | | | | | | | | |
| Rated insulation voltage | U_i | (V) | 50/60 Hz | 800 | 800 | 690 | 690 | 690 | 690 | 690 |
| Rated impulse voltage | U_{imp} | (kV) | | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Ultimate breaking capacity IEC, JIS | I_{cu} | (kA) | 600V DC | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Dimensions | height | (mm) | 3 pole | 273 | 273 | 370 | 370 | 450 | 450 | 450 |
| | width | (mm) | 3 pole | 210 | 210 | 210 | 210 | 320 | 320 | 320 |
| | depth | (mm) | 3 pole | 103 | 103 | 140 | 140 | 185 | 185 | 185 |
| | weight | kg | 3 pole | 8.5 | 10.8 | 26.0 | 27.0 | 54.0 | 62.5 | 62.5 |

Enquire now!