

Committed to performance

Electrical characteristics

Rated insulation voltage U_i	1 000 VAC
Rated operational voltage U_e	690 VAC
Rated frequency	50/60 Hz

	Main busbars	Distribution busbars
Rated current	800 to 6 300 A	1 000 A
Rated short-time withstand current I_{cw} (1 s)	50 - 70 - 100 kA	50 - 70 kA
Rated peak withstand current I_{pk}	100 - 160 - 230 kA	100 - 160 kA

Normal service conditions

Installation: indoors.

Ambient air temperature: minimum: -5°C ; maximum: $\leq 35^{\circ}\text{C}$

Relative humidity: 50% at 40°C

Altitude: $\leq 2\,000\text{m}$

Pollution degree: ≤ 3

Design and construction

Classification: Type-tested assembly (TTA) or Partially type-tested assembly (PTTA)

Access connections: front or rear depending on column type

Cable entry: bottom and top

Degree of protection: IP 31 to IP 54

EZ metalsheet with polyester powder coating

Insulation equipment: V0 Class according to UL 94

Internal separation: form 2b to 4b.

Electrical connections of functional units:

- fixed column: F F F to W W W per apparatus
- disconnectable column: W F D per mounting plate
- withdrawable column: W W W per drawer.

Service index: 211 to 333 depending on column type.

Output cell dimension: (see specific documentation).



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