

Current limitation reactor BD100

Characteristics

- n Single-phase current limitation reactor for dynamic PFC systems without detuning reactors to be used for 10kvar, 25kvar or 50 kvar step
- n Two units per step required
- n Limitation of inrush current di/dt in dynamical PFC systems without reactor
- n Protection of thyristor modules series TSM



Mounting and connection

For mounting directly on a mounting plate

Mounting vertical; at least 50 mm distance to the next assembly

Direct connection 2-pole via busbar / cable lug 25mm²

Technical Data

Dimensions	75 x 90 x 75 mm (W x H x D)
Weight	ca. 2 kg
Voltage	max. 440 V
Nominal current	85 A
Linearity	120 A
Frequency	50 / 60 Hz
Inductiveness	0.1 mH
Standard	EN 61558-2-20
Operating mode	Continuous operation
Max. ambient temperature @ nominal load	80 °C