

SIDAC Reactors and Filters in Use

Range of Use Function



Converter

Sine-wave filters based on sintered metal reactors for uninterruptible power supply



Converter

Output reactor as base model with cable propping bar, shielded connection cable to converter



Converter

Combination filter, line reactor incl. RFI suppression filter combined in one case



Shipbuilding

Smoothing reactor for ice breaker 8,000 A 1 mH, forced cooling, total weight approx. 10.7 t

Range of Use Function



Shipbuilding

Shunt reactor for shaft-driven alternator in a container ship; nominal current 4,000 A $65 \mu\text{H}$ at 3,800 A, $16,2 \mu\text{H}$ per half winding, total weight approx. 2.5 t



Shipbuilding



Transport

Railway applications, e.g. balance coils for smoothing the DC link or chopper reactors for limiting the current gradient of the clocked chopper current and the short-circuit currents



Transport

Range of Use Function



Medicine

Reactors for use in medical technology, e.g. in X-ray equipment, computer tomographs or magnetic resonance tomographs



Energy

HVDC valve reactor (high-voltage direct current transmission)