

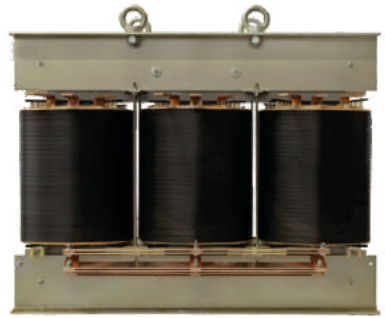


 **POWER QUALITY IMPROVEMENT EQUIPMENT**

TRANSFORMERS

Product Range

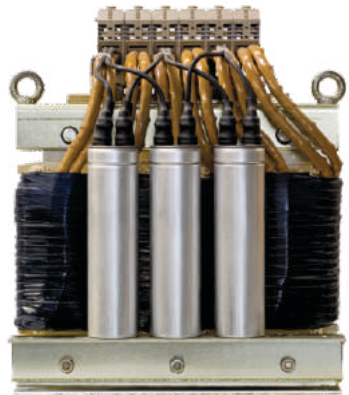
Winding	Cu / Al
Power rating	$\sim 3 \leq 1 \text{ MVA}$ $\sim 1 \leq 100 \text{ kVA}$
Voltage	$\leq 1000 \text{ V}$
Frequency	$\leq 600 \text{ Hz}$
Cooling class	AN / AF / WF
Insulation class	EIS155 / EIS180
Protection class	IP00 - IP54



SINE FILTER

Product Range

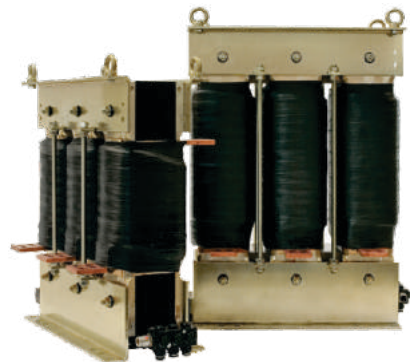
Winding	Cu / Al
Voltage	$\leq 690 \text{ V}$
Nominal Current	$\leq 2000 \text{ A}$
Frequency	$\leq 600 \text{ Hz}$
Switching Frequency	$\geq 1.5 \text{ kHz}$
Cooling class	AN / AF / WF
Insulation class	EIS155 / EIS180
Protection class	IP00 - IP54



CHOKE

Product Range

Winding	Cu / Al
Phases	1~ / 3~
Voltage	$\leq 1000 \text{ V}$
Nominal Current	$\leq 2000 \text{ A}$
Frequency	$\leq 600 \text{ Hz}$
Cooling class	AN / AF / WF
Insulation class	EIS155 / EIS180
Protection class	IP00 - IP54



■ du/dt-FILTER

■ Product Range

Winding	Cu / Al
Phases	1~/ 3~
Voltage	≤ 690V
Nominal Current	≤ 2000 A
Frequency	≤ 600 Hz
Switching Frequency	≤ 16 kHz
Cooling class	AN / AF / WF
Insulation class	EIS155 / EIS180
Protection class	IP00 - IP54



■ FEED UNIT

■ Product Range

Phases	1~ / 3~
Voltage	≤ 1000 V
Nominal Current	≤ 2000 A
Power Rating	~3 ≤ 1 MVA~1 ≤ 100kVA
Frequency	≤ 600 Hz
Switching Frequency	≥ 1.5 kHz
Cooling class	AN / AF
Insulation class	EIS155 / EIS180
Protection class	IP00 - IP54



■ WATER COOLED CHOKE

■ Product Range

Phases	1~ / 3~
Voltage	≤ 3600 V
Nominal Current	≤ 5000 A
Frequency	≤ 600 Hz
Cooling class	WF
Insulation class	EIS155 / EIS180
Protection class	IP00 - IP54



■ CUSTOMER SPECIFIC PRODUCTS



■ Sine - Filter



■ Magnetics for Drives Application



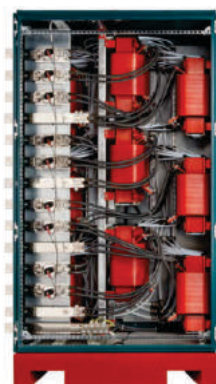
■ Auxiliary Transformer



■ Integrated Inductance Transformer

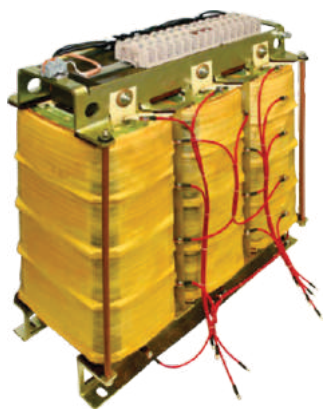


■ Test System for invertors



■ Electrical Filters

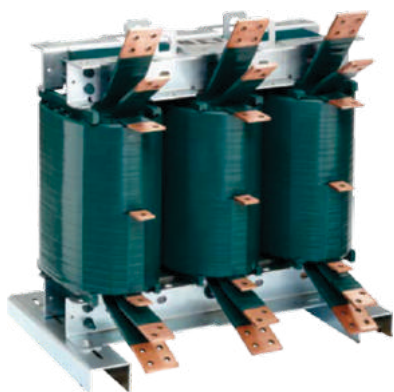
■ CUSTOMER SPECIFIC PRODUCTS



■ Voltage Transformer



■ Water Cooled Choke



■ 3 Phase Starting Transformer



■ High Current Transformer



■ 3 Phase – 1Phase Transformers

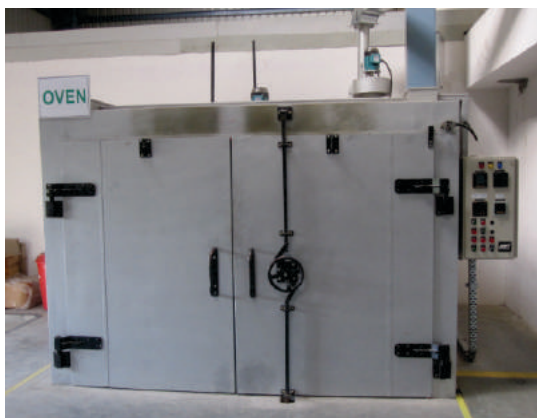


■ Cast Resin Transformers

**■ WE OFFER WIDE RANGE OF PRODUCTS IN
VARIOUS SECTOR**



■ GERMAN QUALITY AT INDIAN PRODUCTION SITE





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