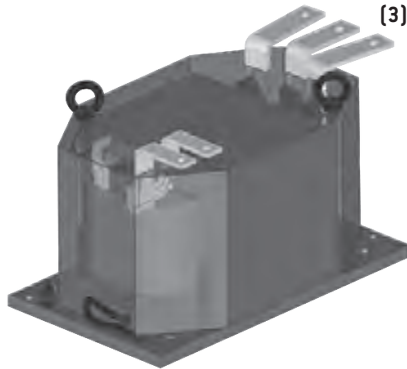


Overmolded Shaped Ferrite Assembly

Ferrite cores assembly, can be overmolded with or without casing. This technology for power components fits to electrical, thermal, environmental and mechanical requirements: dissipation, humidity, salt mist, conductive dust, shock, vibrations and insulation. This technology is a perfect fit for embedded products and Railway applications (Battery chargers, ...).

Key Benefits

- Longer life (low partial discharges level)
- Resistance to harsh environment
- Volume saving due to thermal dissipation improvement



Technical characteristics

Molding	Epoxy, Polyurethane, Silicone
Standards	Fire and smoke requirements (EN45545, ...) <ul style="list-style-type: none"> UL Shock and Vibration Temperature & Changes Protection rating IP Relative humidity Environmental and salt mist test

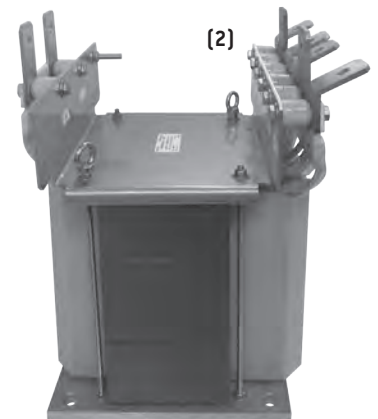
Example of Inductor

Main current (A _{DC})	Inductance (μH)	AC Current (A _{pp})	Weight (kg)	L x W x H* (mm)
316	30	90A pkpk @12 kHz	18	160 x 180 x 320

Examples of Transformers

Power (kVA)	Frequency (kHz)	Voltage (In out ,V)	Weight (kg)	L x W x H* (mm)
50	10	336/224	22	220 x 200 x 175 (1)
60	6	500-650 100-130	47	245 x 200 x 410 (2)
60	10	285/128	28	250 x 200 x 185
70	7.8	540/2 x 380	30	290 x 230 x 220
90	10	500-650/125	32	340 x 200 x 175 (3)

* L = Lengths – W = Width – H = Height



HIGH POWER TECHNOLOGY