

ISOLATION TRANSFORMER / ULTRA ISOLATION TRANSFORMER

3 PHASE - OIL COOL - 30 KVA TO 1500 KVA



The Present AC Power Lines are Superimposed With dangerous Spikes, Sarges, Transient, Sages RFI Noise and Harmonics. The High Frequency noise easily enter equipments and damage to PLC.

Isolation Transformer eliminate such noise and attenuates the spike to minimum values, providing complete protection against such electrical disturbances.

Isolation Transformer range employs a unique multiple shielding technique that reduce the inter- winding capacitance to below 0.001 pt and DC isolation to over 500 M ohms. Attenuation of common mode noise is about 100 db. Regulation at 400 or 415V AC is about 4%

TECHNICAL SPECIFICATIONS

Rating	: 3 PHASE
Input Voltage	: 400V $\pm$ 10%, 50Hz, 3 Phase, 4 wire AC
Output Voltage	: 400V $\pm$ 4%, 50Hz, 3Ph 4 wire AC
Transfer Ratio	: 1:1
Regulation	: $\pm$ 4%
Coupling Capacitor	: Less than 0.001 pf
DC insulation Resistance	: >500 mega ohm at 500V DC
Common node noise	: Approx 100 db
Break down Voltage	: 2KV AC (rms) for 1 Minute
Suitability	: Suitable for all power factor loads.
Cooling	: Air/Oil Cooled
Duty Cycle	: 24*7
Environment	: Indoor
Degree of Protection	: IP 30 to IP-55
No load Loss	: 0.5%
Efficiency	: 96-98%
Termination	: Connector / Bus Bar
Over load Capacity	: 200% Momentairly.

FEATURES

- NO Waveform distortion.
- Very high Common made noise Rejection.
- Reduce power lines noise, spike, surges & transients.
- isolate load from noisy power source
- ≠ Non Standard KVA, Input voltage Range and output voltage are also available on request.

