

*Your Shield for
Safe and Reliable Power*

Isolation & Auto Transformers



Wide Product Range

- Step Up / Step Down Auto Transformers
- Galvanic Isolation Transformers
- Shielded Ultra Isolation Transformers
- K Rated Ultra Isolation Transformers
- Ratings 3 kVA to 1000 kVA 3 Phase and 1 kVA to 25 kVA 1 Phase / 2 Phase



**Compliance to Standards,
Efficiency & Reliability**

- Meets IS 11171 1985 Dry Type Transformer standards
- Efficient designs using Class H Insulation
- Low impedance and temperature rise



Multiple add-on options

- Multi-tap options available
- MCB / MCCB for Short Circuit protection
- RFI / EMI Filters
- TVSS / SPD for Transient protection
- Voltage / Current / Power Metering



Noise Attenuation

- Good Transverse Mode noise attenuation
- Double shielded for high Common Mode Noise Rejection (Ultra Isolation Transformers)

Specification		
Parameter	3-Phase	1-Phase / 2-Phase
Ratings	3 kVA to 1000 kVA	1 kVA to 25 kVA
Reference Standard	IS 11171 : 1985 (Reaffirmed 2006)	
Type of Transformer	Floor mounted, natural air-cooled / oil-cooled (depending on rating)	Dry type, floor mounted, natural air-cooled
Configuration	Delta / star 1:1 (or as per user specification)	1:1 (or as per user specification)
Default Vector Group	Dyn11	
Type of lamination	CRNO	
Winding	Copper Wire / Strip or Aluminium wire / strip	
Load Regulation	Better than 3%	
Class of Insulation	Class H	
Efficiency	3 - 12 kVA (>95%) > 15 kVA (>97%) At rated input voltage and at 100% rated current of loads that are linear	
Insulation Strength	Withstands 2.5 kV for 1 minute (between windings & between windings and body)	
DC galvanic isolation	> 1000 Mega Ohms - for UIT > 100 Mega Ohms - for GIT	
Common Mode Noise Rejection (for UIT only)	Up to 10kHz > 100 dB 10 kHz to 50 kHz > 60 dB 50 kHz to 1 MHz > 40dB	
Short Circuit Protection	HRC fuse at input provided as a standard / MCB / MCCB can be provided as an option	
Indications	LED Lamps for Output Presence Digital Voltmeter (DVM) - optional	
Housing	Sheet metal housing provided with Input / Output terminations	