Phone: +91-9896600003

Email: sales@naugralabequipments.com

Product Name:

Self-Commuted Convertor Circuit with Passive RL Load

Product Code:

ES196



Description:

Self-Commuted Convertor Circuit with Passive RL Load

Technical Specification:

Three phase isolation transformer - 380/94v V ac, 300VA /1KVA for the operation of 1Kw machine Control Unit -self commutated convertor- input voltage range 47 to 3x 230 V, integrated break chopper with powe2rfull 300W resistor, DSP control diode drive and control unit, integrating measurement of six voltages and three current, intuitive user operation by push button and control light, CAN -bus for networking drive system, programming interface for running application created in matlab.

Output filter for improving electromagnetic capability, 10A. input filter

Intelligent load unit. Resistive load 3x600 ohms, 3*100w, inductive load 3x0.2H, 0.5A)

Drive Machine. Variable speed drive 300w /1KW

Ascrhrounos motor, pulse width modulation

Dc Chopper with signal and four quadrant operation

AC power Switch

Three phase convertors with blocks / sine commutation and space vector modulation

Resistive and inductive load

Supported circuit, link circuit, free -wheeling

frequency analysis and examination of harmonics

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Naugralabequipments

Website: www.naugralabequipments.com, Email: sales@naugralabequipments.com
Address: 6148/6, Guru Nanak Marg,Ambala Cantt,Haryana,India. Phone: +91-9896600003