

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 powerfull 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
Asynchronous motor, pulse width modulation
Dc Chopper with signal and four quadrant operation
AC power Switch
Three phase converters 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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