

Tesca Technologies Pvt. Ltd.

Order Code - 22235521.2.35 Three Phase VVVF Drive Training System



Specifications:

Features

- . Machine with mechanical loading arrangement
- Includes digital tachometer •
- High grade FRP material enclosure. .
- The Rear of the Control panel covered with . transparent sheet
- Heavy duty base and channel ٠
- Brake-Drum Pulley with heat suppression facility
- Equipped with supply indication lamps ٠

Scope of Learning

- · Study of running and reversing of three phase induction motor using VVVF Drive
- Study of no load test performed in a three phase induction motor using VVVF Drive
- · Study of speed-torque characteristics in a three phase induction motor using VVVF Drive
- Study of speed control of three phase induction motor with VVVF control technology in open loop condition.

Technical Specifications

Mains Supply	:	Three phase, 415V AC ± 10%, 50Hz
Drive		
Make	:	Siemens
Input Voltage	:	Three phase, 415V AC ± 10%,
Output frequency range	:	0 to 599Hz (default range) with resolution of 0.01Hz
Protection Class	:	IP20
Three Phase Induction Motor		
Туре	:	Squirrel Cage
Rating	:	1HP (2 HP and 3 HP also available)
Voltage Rating	:	415V AC
Speed	:	1440 RPM ± 5%
Insulation	:	Class B/F
Loading arrangement	:	Mechanical
Brake Drum/Pulley	:	Aluminum Casted
Digital Meters used		
AC Voltmeter	:	450V AC
ACAmmeter	:	5A AC
MCB (TPN)	:	10A AC

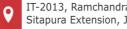
Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, India.

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