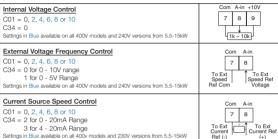
SMD quick start manual

Frequency Control Wiring - Default = '0', CO1 & C34



Digital Input Control Wiring

C08 = 7 - Threshold Set in C17 Exceeded

C08 = 8 - Drive Operating in Current Limit



Terminal Relay Wiring - Default = '1'

*250. External Resistor: Not Required on 400V and and 230V and from 5.5-1.5KW







External Device

Wiring

SMD quick start manual

Parameter Settings:

C01: Control Source - Default = '0'

C01 = '0' analog input (terminal 8) / Control = terminals. Programming = keypad Set to change source of analog input, control and programming (See manual)

C10: Minimum Output Frequency - Default = '0Hz'

Set to Minimum Frequency for Application. Provides low limit for input of 0V

C11: Maximum Output Frequency - Default = '50Hz' Set to Maximum Frequency for Application

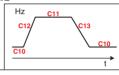
Set to Maximum Frequency for Application

C12: Acceleration Time - Default = '5s' Set to required Acceleration Time

Time for Frequency Change of 0Hz to C11

C13: Deceleration Time - Default = '5s'

Set to required Deceleration Time Time for Frequency Change of C11 to 0Hz



C14: Operating Mode - Default = '2' (Linear V/F)

- 0 Linear Characteristic with Auto-Boost For Standard Applications
- Square Law Characteristic with Auto-Boost For Fans & Pumps with Square Law Characteristics
- Linear Characteristic with constant Vmin boost For Standard Applications (See Parameter C16)
- Square Law Characteristic with constant Vmin boost For Fans & Pumps with Square Law Characteristics (See Parameter C16)

C15: V/f Reference Point - Default = '50Hz'

Set to Motor Rated Frequency

C22: Current Limit - Default = '150%'

Limits the maximum available current from the smd in order to protect the mechanics and/or to provide a better thermal protection for the motor.

Set the value to the minimum required for the application.

C90: Input Voltage Selection - Default = '2' (200 - 230V Drives) Default = '1' (400 - 480V Drives)

- 0 Auto Detected at first power up
- Low For 200V or 400V input Voltage
- 2 High For 230V or 480V input Voltage

Always check this parameter at first power up to ensure correct setting.

c20: I2t Switch Off (Thermal Motor Monitoring) - Default '100%'

Calculate for Motor Rated Current. 100% = full drive rated output current.

e.g. Motor Full Load Current = 2.1A. Drive Nominal Output Current = 2.5A Setting = (2.1/2.5) x 100 = 84%



