

22kW Drive with Profibus communication

Technical Specifications

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22kW Spindle Motor Drive with Profibus communication
No of Phases: 3-ph AC
Input
Line voltage: 380 to 480 V $\pm 10\%$
Line frequency: 47 to 63 Hz
Rated current (LO): 59A
Rated current (HO): 43A
Output
Rated voltage: 480 V
Rated power (LO): 30kW/40hp
Rated power (HO): 22kW/30hp
Rated current (LO): 62A
Rated current (HO): 45A
Pulse Frequency: 4000Hz
Digital Input: 6
Relay Output: 3
Analog Input: 2
Analog Output: 2
Output frequency for V/F control: 0 to 650Hz
Overload: 150% output current for 60s, followed by 100% output current for 240s in a 300s cycle time
Dimensions
Width: 275mm
Height: 520mm
Depth: 245mm
Power factor: 0.95
Efficiency: 0.96
Cooling: Fan
Ambient Temperature
Operation (LO): -10 to 40 °C
Operation (HO): -10 to 50 °C
Communication: Profibus
Motor compatibility: 3ph Induction Motor
Note:
1. Drive should be compatible with Profibus communication module (Model: 6SE6400-1PB00-0AA0, Make: Siemens)
2. Drive shall be supplied with suitable Profibus Communication Module installed
3. Vendor to ensure compatibility with the existing systems here. Vendor shall prove-out integration of the supplied model in case it is different from the reference model.
Reference Make and Model: Siemens MicroMaster440 (Part No: 6SE6440-2AD32-2DA1)