

Ordering Data for Variant Independent Options

The options listed here are suitable for all MICROMASTER 440 Inverters.

Options	Order No.
Basic Operator Panel (BOP)	6SE6400-0BP00-0AA0
Advanced Operator Panel (AOP)	6SE6400-0AP00-0AA0 6SE6400-0AP00-0AA1 (available from mid 2002)
PROFIBUS module	6SE6400-1PB00-0AA0
DeviceNet module	6SE6400-1DN00-0AA0
Pulse encoder evaluation module	6SE6400-0EN00-0AA0
RS485/PROFIBUS bus connector	6GK1500-0FC00
Connection set for PC to inverter	6SE6400-1PC00-0AA0
Connection set for PC to AOP	6SE6400-0PA00-0AA0
Inverter-door mounting kit for single inverter control	6SE6400-0PM00-0AA0
AOP-door mounting kit for multiple inverter control (USS)	6SE6400-0MD00-0AA0

Technical data of the communications modules

PROFIBUS module
6SE6400-1PB00-0AA0



DeviceNet module
6SE6400-1DN00-0AA0



Size (height x width x depth)	161 mm x 73 mm x 46 mm	
Degree of protection	IP 20	
Degree of pollution	2 to IEC 60664-1 (DIN VDE 0110/T1), no condensation permitted during operation	
Mechanical strength	to DIN IEC 60068-2-6 (if module installed correctly)	
• Stationary	Deflection	0.15 mm in the frequency range of 10 Hz to 58 Hz
	Acceleration	19.6 m/s ² in the frequency range of 58 Hz to 500 Hz
• Transport	Deflection	3.5 mm in the frequency range of 5 Hz to 9 Hz
	Acceleration	9.8 m/s ² in the frequency range of 9 Hz to 500 Hz
Climatic category (during operation)	3K3 to DIN IEC 60721-3-3	
Cooling method	Natural air cooling	
Permissible ambient or cooling agent temperature	-10 °C to +50 °C (14 °F to 122 °F)	
• in operation	-25 °C to +70 °C (-13 °F to 158 °F)	
• during storage and transport		
Relative humidity (permissible humidity rating)	≤85 % (non-condensing)	
• in operation	≤95 %	
• during storage and transport		
Electromagnetic compatibility	Emission	to EN 55 011 (1991) Class A
	Interference radiation	to IEC 60801-3 and EN 61 000-4-3
Supply voltage	6.5 V ± 5 %, max. 300 mA, internal from inverter or 24 V ± 10 %, max. 350 mA, external	6.5 V ± 5 %, max. 300 mA internal from inverter or 24 V, max. 60 mA from DeviceNet bus
Output voltage	5 V ± 10 %, max. 100 mA, galvanically isolated supply	-
	• for terminating the serial interface bus or	
	• for supplying the OLP (Optical Link Plug)	
Data transmission rate	max. 12 Mbaud	125, 250 and 500 kbaud

Variant Independent Options

Technical data of the pulse encoder evaluation module

Pulse encoder evaluation module
6SE6400-0EN00-0AA0



Size (height x width x depth)	161 mm x 73 mm x 42 mm
Degree of protection	IP 20
Degree of pollution	2 to IEC 60 664-1 (DIN VDE 0110/T1), no condensation permitted during operation
Mechanical strength	to DIN IEC 60 068-2-6 (if module installed correctly)
• Stationary	Deflection Acceleration
• Transport	Deflection Acceleration
Climatic category (during operation)	3K3 to DIN IEC 60 721-3-3
Cooling method	Natural air cooling
Permissible ambient or cooling agent temperature	
• in operation	-10 °C to +50 °C (14 °F to 122 °F)
• during storage and transport	-20 °C to +70 °C (-14 °F to 158 °F)
Electromagnetic compatibility	Emission Interference radiation
Relative humidity (permissible humidity rating)	
• in operation	≤ 85 % (non-condensing)
• during storage and transport	≤ 95 %
Supply voltage	5 V ± 5 %, 330 mA or 18 V non-regulated, 140 mA, short-circuit-proof
Pulse frequency	max. 300 kHz

Documentation

Type of documentation	Language	Order No.
Docu-Pack , supplied with each inverter, containing CD-ROM ¹⁾ and Getting Started Guide ²⁾ (paper version)	Multilanguage	6SE6400-5AD00-1AP0 6SE6400-5AC00-1AP0 (available from 05/2002)
	Operating instruction ²⁾ (paper version)	German 6SE6400-5AC00-0AP0 English 6SE6400-5AC00-0BP0 French 6SE6400-5AC00-0DP0 Italian 6SE6400-5AC00-0CP0 Spanish 6SE6400-5AC00-0EP0
Parameter list ²⁾ (paper version)	German	6SE6400-5BB00-0AP0
	English	6SE6400-5BB00-0BP0
	French	6SE6400-5BB00-0DP0
	Italian	6SE6400-5BB00-0CP0
	Spanish	6SE6400-5BB00-0EP0

1) The CD-ROM contains operating instructions, parameter list, commissioning tools Starter and DriveMonitor, multilanguage.

2) Available on Internet at <http://www.siemens.com/micromaster>.