

Motor controller SFC-LAC-VD-10-E-H2-IO

Part number: 540039

FESTO

for assignment of parameters and positioning of the linear module HME.
Products to be discontinued. Available until 2011.



Data sheet

Feature	Value
Controller operating mode	adaptive status controller
Mains filter	Integrated
Protective function	I ² t monitoring Current monitoring Voltage failure detection Drag error monitoring Software end-position detection
Rotor position sensor	Encoder
Display	128 x 64 pixels Graphical LCD display
Control elements	4 keys
Digital logic output characteristics	Electrically isolated
Max. current, digital logic outputs	500 mA
Max. intermediate circuit voltage, DC	48 V
Nominal controller power	480 VA
Nominal DC voltage, logic power supply	24 V
Nominal voltage, load supply DC	48 V
Nominal current, load supply	10 A
Nominal current, logic supply	0.5 A
Parameters configuring interface	Parameters configuration and commissioning RS232 (38400 Baud)
Peak power	960 VA
Peak current, load supply	20 A
Peak current, logic supply	0.8 A
Effective peak current per phase	15 A
Permissible range, load supply	+5 %/ -10 %
Permissible range, logic voltage	± 10 %
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 60 °C
Shock resistance	Following DIN EN 60068-2-27
Protection class	IP54
Vibration resistance	Following DIN EN 60068-2-6
Ambient temperature	0 ... 40 °C
Authorisation	C-Tick
Product weight	1,200 g
Number of 24 V DC digital logic outputs	4
Number of digital logic inputs	8
Process interface	I/O coupling For 32 traversing records
Logic input working range	24 V
Encoder interface input, characteristics	CAN-Bus
Logic input characteristics	Electrically isolated
Mounting type	with top-hat rail with wall/surface fixing
Materials note	Contains PWIS substances