

Motor controller

SFC-LAC-VD-10-E-H0-PB

Part number: 540631

FESTO

for assignment of parameters and positioning of the linear module HME.
Type 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
Bus terminating resistor	120 Ohm, external
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 symbol (see declaration of conformity)	according to EU-EMV guideline
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
Authorization	C-Tick
Product weight	1,200 g
Communications profile	Step 7 functional modules FHPP
Encoder interface input, characteristics	CAN-Bus
Bus connection	D-Sub 9-pin
Fieldbus coupling	Profibus DP
Max. fieldbus transmission speed	12 Mbit/s
Mounting type	with top-hat rail with wall/surface fixing
Materials note	Contains PWIS substances