

# Motor controller SFC-LAC-VD-10-E-H0-PB

Part number: 540631

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 <sup>2</sup> 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 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
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