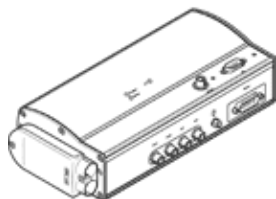# Motor controller
SFC-LACI-VD-10-E-H0-CO
Part number: 562849

FESTO

for assignment of parameters and positioning for electrical cylinders
with linear motors DNCE-...-LAS and DFME-...-LAS.

Data sheet

Feature	Value
Controller operating mode	adaptive status controller
Position sensor	Encoder
Mains filter	Integrated
Protective function	I^2t monitoring
	Software end-position detection
	Drag error monitoring
	Voltage failure detection
	Current monitoring
Display	LED
Bus terminating resistor	120 Ohm, external
Digital logic output characteristics	Not electrically isolated
	configurable
Max. current, digital logic outputs	1 A
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
Effective nominal current per phase	10 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	3.8 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
Relative air humidity	non-condensing
	0 - 90 %
Protection class	IP54
Ambient temperature	0 ... 40 °C
Authorization	C-Tick
Product weight	1,300 g
Number of 24 V DC digital logic outputs	3
Number of digital logic inputs	3
Communications profile	FHPP
	CAN interpolated
	DS301/DSP402
Process interface	CANopen
Specification, logic input	IEC 61131
Logic input working range	24 V

Feature	Value
Encoder interface output, characteristics	BISS
Encoder interface input, characteristics	RS485/RS422
Logic input characteristics	Electrically isolated
Bus connection	9-pin
	Plug
	Sub-D
Fieldbus coupling	CANopen
Max. fieldbus transmission speed	1 Mbit/s
Mounting type	with wall/surface fixing
	with top-hat rail
Materials note	Conforms to RoHS
	Contains PWIS substances