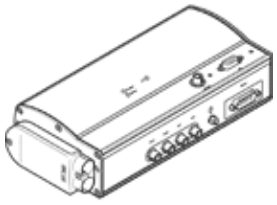
Motor controller
SFC-LACI-VD-10-E-H0-PB

Part number: 562847

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	I²t 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	configurable Not electrically isolated
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	RS232 (38400 Baud) Parameters configuration and commissioning
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 mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 60 °C
Relative air humidity	non-condensing 0 - 90 %
Protection class	IP54
Ambient temperature	0 ... 40 °C
Authorisation	C-Tick
Product weight	1,300 g
Number of 24 V DC digital logic outputs	3
Number of digital logic inputs	3
Communications profile	Step 7 functional modules FHPP
Process interface	Profibus DP
Specification, logic input	IEC 61131
Logic input working range	24 V
Encoder interface output, characteristics	BISS

Feature	Value
Encoder interface input, characteristics	RS485/RS422
Logic input characteristics	Electrically isolated
Bus connection	9-pin Plug socket Sub-D
Fieldbus coupling	Profibus DP
Max. fieldbus transmission speed	12 Mbit/s
Mounting type	with wall/surface fixing with top-hat rail
Materials note	Conforms to RoHS Contains PWIS substances