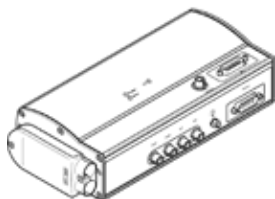


# Motor controller SFC-LACI-VD-10-E-H0-IO

Part number: 562845

**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 <sup>2</sup> t monitoring<br>Current monitoring<br>Voltage failure detection<br>Drag error monitoring<br>Software end-position detection |
| Display                                   | LED                                                                                                                                        |
| Digital logic output characteristics      | configurable<br>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)<br>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 symbol (see declaration of conformity) | according to EU-EMV guideline                                                                                                              |
| Storage temperature                       | -20 ... 60 °C                                                                                                                              |
| Relative air humidity                     | 0 - 90 %<br>non-condensing                                                                                                                 |
| Protection class                          | IP54                                                                                                                                       |
| Ambient temperature                       | 0 ... 40 °C                                                                                                                                |
| Authorization                             | C-Tick                                                                                                                                     |
| Product weight                            | 1,300 g                                                                                                                                    |
| Number of 24 V DC digital logic outputs   | 7                                                                                                                                          |
| Number of digital logic inputs            | 11                                                                                                                                         |
| Process interface                         | I/O coupling<br>For 32 traversing records                                                                                                  |
| Specification, logic input                | IEC 61131                                                                                                                                  |
| Logic input working range                 | 24 V                                                                                                                                       |
| Encoder interface output, characteristics | BISS                                                                                                                                       |
| Encoder interface input, characteristics  | RS485/RS422                                                                                                                                |
| Logic input characteristics               | Electrically isolated                                                                                                                      |
| Mounting type                             | with top-hat rail<br>with wall/surface fixing                                                                                              |
| Materials note                            | Contains PWIS substances<br>Conforms to RoHS                                                                                               |