

Article No. : 6SL3546-0FB21-1PA0



Figure similar

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

| Electrical data                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Operating voltage via                     |                                                        |
| External power supply                     | DC 24 V                                                |
| Communication                             |                                                        |
| Communication                             | PROFIBUS DP, PROFIsave                                 |
| Inputs / outputs                          |                                                        |
| Standard digital inputs                   |                                                        |
| Number                                    | 6 (non-isolated)                                       |
| Fail-safe digital inputs                  |                                                        |
| Number                                    | 3 (optionally parameterizable as safe inputs)          |
| Digital outputs                           |                                                        |
| Number                                    | 2 (0.5 A, fed through switched 24 V DC, isolated)      |
| Fail-safe digital outputs                 |                                                        |
| Number                                    | 1 (optionally parameterizable as safe digital output)  |
| Closed-loop control techniques            |                                                        |
| V/f linear / square-law / parameterizable | Yes                                                    |
| V/f with flux current control (FCC)       | Yes                                                    |
| Sensorless vector control                 | Yes                                                    |
| Ambient conditions                        |                                                        |
| Ambient temperature                       |                                                        |
| Operation                                 | 0 ... 55 °C (32 ... 131 °F)                            |
| Storage                                   | -40 ... 70 °C (-40 ... 158 °F)                         |
| Relative humidity                         |                                                        |
| Max. operation                            | 95 % at 40 °C (104 °F); RH, condensation not permitted |
| Technology                                |                                                        |
| Positioning functionality                 | Yes                                                    |
| Design of the interface                   | M12 plug                                               |
| Mechanical data                           |                                                        |
| Degree of protection                      | IP65 / UL type 3                                       |
| Net weight                                | 0.8 kg (1.77 lb)                                       |
| Dimensions                                |                                                        |
| Width                                     | 153 mm (6.02 in)                                       |
| Height                                    | 208 mm (8.19 in)                                       |
| Depth                                     | 55 mm (2.17 in)                                        |

| Standards                 |                                                |
|---------------------------|------------------------------------------------|
| Compliance with standards | UL 508C (UL list number E121068), cUL, CE, RCM |
| CE marking                | Low-voltage directive 2014/35/EC               |