

**Data sheet**  
**FM 253 (253-1BA00)**
**Technical data**

|  |   |
|--|---|
| <b>Order no.</b>                               | <b>253-1BA00</b>  |
| Type   | FM 253  |
| <b>General information</b>                     |   |
| Note   | -   |
| Features                                       | Positioning module for 1axis drive with stepper<br>3 inputs for connecting end switches and 2 outputs |
| <b>Current consumption/power loss</b>          |   |
| Current consumption from backplane bus         | 500 mA  |
| Power loss                                     | 3 W   |
| <b>Status information, alarms, diagnostics</b> |   |
| Status display                                 | yes   |
| Interrupts                                     | no  |
| Process alarm                                  | no  |
| Diagnostic interrupt                           | no  |
| Diagnostic functions                           | no  |
| Diagnostics information read-out               | none  |
| Supply voltage display                         | yes   |
| Group error display                            | red LED   |
| Channel error display                          | none  |
| <b>Datasizes</b>                               |   |
| Input bytes                                    | 16  |
| Output bytes                                   | 16  |
| Parameter bytes                                | 18  |
| Diagnostic bytes                               | 0   |
| <b>Housing</b>                                 |   |
| Material                                       | PPE / PA 6.6  |
| Mounting                                       | Profile rail 35 mm  |
| <b>Mechanical data</b>                         |   |
| Dimensions (WxHxD)                             | 25.4 mm x 76 mm x 78 mm   |
| Net weight                                     | 70 g  |
| Weight including accessories                   | -   |
| Gross weight                                   | -   |
| <b>Environmental conditions</b>                |   |
| Operating temperature                          | 0 °C to 60 °C   |
| Storage temperature                            | -25 °C to 70 °C   |
| <b>Certifications</b>                          |   |
| UL certification                               | yes   |
| KC certification                               | -   |