

Data sheet

FM 253 (253-1BA00)

Technical data

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| Order no. | 253-1BA00 |
| Type | FM 253 |
| General information | |
| Note | - |
| Features | For 1-axis drive with stepper 3x DI, DC 24 V Inputs for connecting end switches 2x DO, 24 V Isolated |
| Current consumption/power loss | |
| Current consumption from backplane bus | 500 mA |
| Power loss | 3 W |
| Status information, alarms, diagnostics | |
| 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 |
| Datasizes | |
| Input bytes | 16 |
| Output bytes | 16 |
| Parameter bytes | 18 |
| Diagnostic bytes | 0 |
| Housing | |
| Material | PPE / PA 6.6 |
| Mounting | Profile rail 35 mm |
| Mechanical data | |
| Dimensions (WxHxD) | 25.4 mm x 76 mm x 78 mm |
| Net weight | 70 g |
| Weight including accessories | - |
| Gross weight | - |
| Environmental conditions | |
| Operating temperature | 0 °C to 60 °C |
| Storage temperature | -25 °C to 70 °C |
| Certifications | |
| UL certification | yes |
| KC certification | - |