

**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	For 1-axis drive with stepper 3x DI, DC 24 V Inputs for connecting end switches 2x DO, 24 V Isolated
<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	-