

Data sheet

FM 253 (253-1BA00)

Technical data

Order no.	253-1BA00
Type	FM 253
General information	
Note	-
Features	Positioning module for 1axis drive with stepper 3 inputs for connecting end switches and 2 outputs
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
Weight	70 g
Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
Certifications	
UL508 certification	yes