

Product data sheet

Specifications



Modicon M221, Modicon M251, Modicon M241, memory card for M2xx controller

TMASD1

Main

Range of product	Modicon M221 Modicon M251 Modicon M241
Accessory / separate part type	SD card
Product compatibility	Logic controller
Range compatibility	Modicon M241 Modicon M221 Modicon M251
Memory type	Flash
Memory capacity	256 MB
Accessory / separate part category	Separate parts

Complementary

Product specific application	Program transfer Application backup
MTBF reliability	3000000 H
Data retention time	10 year(s) at 25 °C
Number of read/write cycles	100000
Net weight	0.004 kg

Environment

Ambient air temperature for operation	-10...70 °C
Ambient air temperature for storage	-25...85 °C
Resistance to electrostatic discharge	15 kV in air conforming to EN/IEC 61000-4-2 4 kV on contact conforming to EN/IEC 61000-4-2
Vibration resistance	1 gn conforming to EN/IEC 61131-2 2007
Shock resistance	15 gn conforming to EN/IEC 61131-2 2007
Relative humidity	0...95 % without condensation

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Weight	29 g
Package 1 Height	0.8 cm
Package 1 width	12 cm
Package 1 Length	13.9 cm
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Weight	1.45 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins