

# Product data sheet

Specifications



## memory card, Modicon, 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 IEC 61000-4-2 4 kV on contact conforming to IEC 61000-4-2
Vibration Resistance	1 gn conforming to IEC 61131-2 2007
Shock Resistance	15 gn conforming to IEC 61131-2 2007
Relative Humidity	0...95 % without condensation

### Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.000 cm
Package 1 Width	12.000 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Length	14.500 cm
Package 1 Weight	27.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	50
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.684 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	<a href="#">REACH Declaration</a>	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>	
China Rohs Regulation	<a href="#">China RoHS declaration</a>	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	