

Item description

The SD memory card replaces traditional storage media and is used to store customer data and boot projects, or to transport this data between devices.

Thanks to its extended temperature range, the memory card can also be used in applications in up to 70 °C. The SLC flash technology used for this card and the wear leveling flash management process employed enhance the reliability and service life of the memory card – a vital requirement for use in industrial applications.

This memory card is compatible to the SD standard, enabling it to be used in any data processing system equipped with an SD slot.

The industrial memory card has the following system features:

- Storage capacity: 2 GB
- Single-Level Cell (SLC) NAND flash memory for enhanced service life and reliability
- Compatible to the SDA Physical Layer Specification, Version 2.0
- Error correction function: < 1 error per 10^{15} bits READ
- Statistical & dynamic wear leveling for enhancing reliability and availability
- Supports CPRM (Content Protection for Recordable Media)

Data

Technical Data

Baud rate	20Mbit/s
Memory	2 GB
Write/Read cycles max.	17 MB/s / 20 MB/s
MTBF	4,000,000 hrs.
Service life	> 2,000,000 program/operating cycles

Geometrical Data

Width	24 mm
Height from upper-edge of DIN-35 rail	32 mm
Depth	2.1 mm

Material Data

Weight	4.2 g
--------	-------

Environmental Requirements



Surrounding air (operating) temperature	-45 ... 90 °C
Surrounding air (storage) temperature	-65 ... 150 °C
Relative air humidity (no condensation)	95 %
Vibration resistance	15g
Shock resistance	50g (operating), 1000g (not operating)

Commercial data

Country of origin	HK
GTIN	4050821007616
Customs Tariff No.	85235110000

Approvals / Certificates

Ship Approvals

Logo	Approval	Certificate name
	BV Bureau Veritas S.A.	30389/A1 BV
	GL Germanischer Lloyd	11 631 - 10 HH



LR
Lloyds Register

02/20026 (E5)



NK
Nippon Kaiji Kyokai

TA17255M



PRS
Polski Rejestr Statkow

TE/1989/880590/13



RINA
RINA Germany GmbH

ELE134212XG

Downloads

Documentation

Bid Text

758-879/000-001 Zubehör 758	Apr 5, 2012	DOC 20.0 kB	Download
--------------------------------	-------------	----------------	----------

Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
--	--------------	----------	----------

Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.