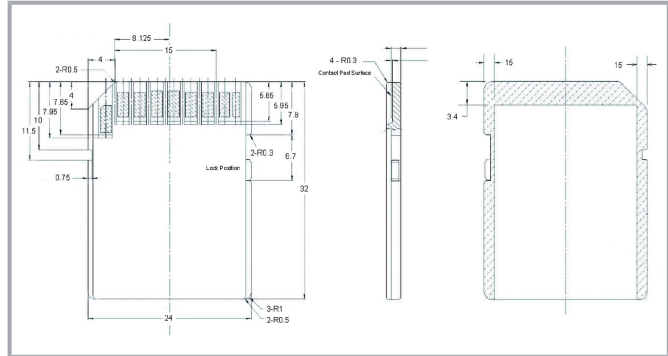


Data sheet | Item number: 758-879/000-001

Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C

www.wago.com/758-879/000-001



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)

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
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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.

Data

Technical data

Memory	2 GB (SLC)
Write/read cycles (max.)	17 MB/s / 20 MB/s
MTBF	4,000,000 h
Service life	per Cell: 100.000 write cycles

Physical data

Width	24 mm
Height	32 mm
Depth	2.1 mm

Material Data

Weight	5 g
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Environmental requirements

Ambient temperature (operation)	-40 ... +90 °C
Ambient temperature (storage)	-40 ... +90 °C
Relative humidity (without condensation)	95 %
Vibration resistance	15g
Shock resistance	50g

Commercial data

eCl@ss 10.0	19-15-07-02
eCl@ss 9.0	19-15-07-02
ETIM 8.0	EC001068
ETIM 7.0	EC001068
PU (SPU)	1 pcs
Packaging type	box
Country of origin	TW
GTIN	4050821007616
Customs tariff number	85235110000

Subject to changes. Please also observe the further product documentation!


Environmental Product Compliance

RoHS Compliance Status


Compliant, No Exemption

Approvals / Certificates





General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087 /19

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	22-2219060
	BV Bureau Veritas S.A.	-	30389/B1 BV
	DNV DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194
	LR Lloyds Register EMEA	-	LR22180952TA

Subject to changes. Please also observe the further product documentation!

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**Downloads
Documentation**

Bid Text

758-879/000-001 X81 - Datei	2019 Feb 19	xml 4.4 kB	Download
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758-879/000-001 docx - Datei	2018 Nov 27	docx 16.9 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 758-879/000-001	URL	Download
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WSCAD Universe 758-879/000-001	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 758-879/000-001 Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C	URL	Download
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Installation Notes

Subject to changes. Please also observe the further product documentation!