SIEMENS

Data sheet 6AV6671-1CB00-0AX2



SIMATIC MM memory card 128 MB multi media card for OP 77B, TP/OP 177B, TP/OP 277, C7-635, MP 177, MP 277, MP 377, Mobile Panel 177, Mobile Panel 277 and all other HMI Panels with MM slot, scope of supply: 1 memory card

General information	
Product type designation	MM memory card
Control elements	
Frame size/design	
● Standard	Yes; Typically 10 000 insertion cycles
● Flat	Yes
Installation type/mounting	
Mounting position	Any, dependent on target device
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	3.3 V; Max 3.6 V
Input current	
Current consumption (rated value)	80 mA; Typical, maximum value
Storage	
Type of memory	MultiMediaCard
Memory size	128 Mbyte
Transmission rate for reading, max.	0 kbit/s; No value available
Transmission rate for writing, max.	300 kbit/s; Minimum, typical for newly formatted memory
Wear leveling (distributed writing)	Yes; > 100 000 write/read cycles per cell and > 3 000 000 write/read cycles per card
Write protection switch	No
Interfaces	
Device-side interface	
● Number of pins device-side	7
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
Marine approval	Yes; Passive component, therefore dependent on target device
Use in hazardous areas	
● ATEX Zone 2	Yes; Always comply with the operating instructions of the target device.
● ATEX Zone 22	Yes; Always comply with the operating instructions of the target device.
● IECEx Zone 2	Yes; Always comply with the operating instructions of the target device.
● IECEx Zone 22	Yes; Always comply with the operating instructions of the target device.
● cULus Class I Zone 2, Division 2	Yes; Always comply with the operating instructions of the target device.
● FM Class I Division 2	Yes; Always comply with the operating instructions of the target device.
Marine approval	
● Germanischer Lloyd (GL)	Yes; Always comply with the operating instructions of the target device.

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● American Bureau of Shipping (ABS)	Yes; Always comply with the operating instructions of the target device.
● Bureau Veritas (BV)	Yes; Always comply with the operating instructions of the target device.
● Det Norske Veritas (DNV)	Yes; Always comply with the operating instructions of the target device.
● Lloyds Register of Shipping (LRS)	Yes; Always comply with the operating instructions of the target device.
● Nippon Kaiji Kyokai (Class NK)	Yes; Always comply with the operating instructions of the target device.
● Polski Rejestr Statkow (PRS)	Yes; Always comply with the operating instructions of the target device.
● Chinese Classification Society (CCS)	Yes; Always comply with the operating instructions of the target device.
● Compass working clearance	5 m
Ambient conditions	
Suited for indoor use	Yes
Ambient temperature during operation	
● min.	0 °C; Indoor
● max.	50 °C; Indoor
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
Relative humidity	
● Operation, max.	90 %
● Condensation permissible	No; Condensation not permissible
Operating systems	
Runs under operating system	
● Windows CE	Yes
● Windows Vista	Yes
● Windows XP	Yes
● Windows 7	Yes
● Windows 8	Yes
● Windows 10	Yes
● Linux	No
● other	Yes; Card must not be formatted!
Mechanics/material	
Enclosure material (front)	
● Plastic	Yes; Gold contacts
Enclosure color (front)	RAL 6034 (color deviation possible)
Service life	
● Number of operating cycles, keys	10; Min. data storage without loss (in years)
Dimensions	
Width	24 mm
Height	32 mm
Thickness	2.1 mm
Weights	
Weight (without packaging)	3 g
Weight (with packaging)	6 g
Scope of supply	
Delivery quantity in pieces	1
Other	
Merchandise	No
Manufacturer name	SIEMENS AG
Manufacturer's address	Gleiwitzerstraße 555, 90475 Nuremberg, Germany
Target devices	for OP77B, TP177B, OP177B, TP277, OP277, C7-635, MP177, MP277, MP377, Mobile Panel 177, Mobile Panel 277, Comfort Panel

Classifications

	Version	Classification
eClass	16	27-33-02-92
eClass	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92

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eClass	8	27-24-92-03
eClass	7.1	27-24-92-03
eClass	6	27-24-92-03
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



EMV



Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415

https://www.siemes.plc.com/?s=6AV6671-1CB00-0AX2

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