



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	
<ul style="list-style-type: none"> Standard Flat 	Yes; Typically 10 000 insertion cycles 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
Memory	
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	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 cULus Class I Zone 2, Division 2 FM Class I Division 2 	Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device.
Marine approval	
<ul style="list-style-type: none"> Germanischer Lloyd (GL) 	Yes; Always comply with the operating instructions of the target device.

<ul style="list-style-type: none"> American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Compass working clearance 	<p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>5 m</p>	
Ambient conditions		
Suited for indoor use	Yes	
Ambient temperature during operation		
<ul style="list-style-type: none"> min. max. 	<p>0 °C; Indoor</p> <p>50 °C; Indoor</p>	
Ambient temperature during storage/transportation		
<ul style="list-style-type: none"> min. max. 	<p>-20 °C</p> <p>60 °C</p>	
Relative humidity		
<ul style="list-style-type: none"> Operation, max. Condensation permissible 	<p>90 %</p> <p>No; Condensation not permissible</p>	
Operating systems		
Runs under operating system		
<ul style="list-style-type: none"> Windows CE Windows Vista Windows XP Windows 7 Windows 8 Windows 10 Linux other 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>Yes; Card must not be formatted!</p>	
Mechanics/material		
Enclosure material (front)		
<ul style="list-style-type: none"> Plastic 	Yes; Gold contacts	
Enclosure color (front)	RAL 6034 (color deviation possible)	
Service life		
<ul style="list-style-type: none"> 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	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92
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://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW>

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