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 Further information, Quantity and content: see technical data



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
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

• Number of pins device-side

7

Standards, approvals, certificates CE mark Marine approval Use in hazardous areas ATEX Zone 2 ATEX Zone 22 FIECEX Zone 23 FIECEX Zone 24 FIECEX Zone 25 FIECEX Zone 25 FIECEX Zone 26 FIECEX Zone 27 FIECEX Zone 27 FIECEX Zone 28 FIECEX Zone 29 FIECEX Zone 29 FIECEX Zone 20 FIECEX Zone 21 FIECEX Zone 21 FIECEX Zone 22 FIECEX Zone 22 FIECEX Zone 25 FIECEX Zone 26 FIECEX Zone 27 FIECEX Zone 27 FIECEX Zone 28 FIECEX Zone 29 FIECEX Zone 29 FIECEX Zone 20 FIECEX Zone 2			
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device.	 Polski Rejestr Statkow (PRS) 		
Compass working clearance 5 m	• Chinese Classification Society (CCS)		
	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!
	Yes; Card must not be formatted!
other Mechanics/material Enclosure material (front)	Yes; Card must not be formatted!
Mechanics/material	Yes; Card must not be formatted! Yes; Gold contacts
Mechanics/material Enclosure material (front)	
Mechanics/material Enclosure material (front) • Plastic	Yes; Gold contacts
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front)	Yes; Gold contacts
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front) Service life	Yes; Gold contacts RAL 6034 (color deviation possible)
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front) Service life • Number of operating cycles, keys	Yes; Gold contacts RAL 6034 (color deviation possible)
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front) Service life • Number of operating cycles, keys Dimensions	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years)
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front) Service life • Number of operating cycles, keys Dimensions Width	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years)
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front) Service life • Number of operating cycles, keys Dimensions Width Height	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm
Mechanics/material Enclosure material (front) Plastic Enclosure color (front) Service life Number of operating cycles, keys Dimensions Width Height Thickness	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm
Mechanics/material Enclosure material (front) • Plastic Enclosure color (front) Service life • Number of operating cycles, keys Dimensions Width Height Thickness Weights	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm 2.1 mm
Mechanics/material Enclosure material (front) Plastic Enclosure color (front) Service life Number of operating cycles, keys Dimensions Width Height Thickness Weights Weight without packaging	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm 2.1 mm
Mechanics/material Enclosure material (front) Plastic Enclosure color (front) Service life Number of operating cycles, keys Dimensions Width Height Thickness Weights Weight without packaging Weight incl. packaging	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm 2.1 mm
Mechanics/material Enclosure material (front) Plastic Enclosure color (front) Service life Number of operating cycles, keys Dimensions Width Height Thickness Weights Weight without packaging Weight incl. packaging Scope of supply	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm 2.1 mm
Mechanics/material Enclosure material (front) Plastic Enclosure color (front) Service life Number of operating cycles, keys Dimensions Width Height Thickness Weights Weight without packaging Weight incl. packaging Scope of supply Delivery quantity in pieces	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm 2.1 mm
Mechanics/material Enclosure material (front) Plastic Enclosure color (front) Service life Number of operating cycles, keys Dimensions Width Height Thickness Weights Weight without packaging Weight incl. packaging Scope of supply Delivery quantity in pieces Other	Yes; Gold contacts RAL 6034 (color deviation possible) 10; Min. data storage without loss (in years) 24 mm 32 mm 2.1 mm 3 g 6 g

Target devices	for OP77B, TP177B, OP177B, TP277, OP277, C7-635, MP177, MP277, MP377, Mobile Panel 177, Mobile Panel 277, Comfort Panel
Usable in the following products	
Product 1	6AV6641-0CA01-0AX0
• Product 2	6AV6642-0B*
• Product 3	6AV6642-0D*
Product 4	6AV6643-0AA01-1AX0
Product 5	6AV6643-0BA01-1AX0
Product 6	6AV6643-7BA*
Product 7	6ES7635-2EB*
• Product 8	6AV6642-0EA01-3AX0
• Product 9	6AV6643-0D*
• Product 10	6AV6643-7D*
Product 11	6AV6643-0C*
• Product 12	6AV6643-7CD00*
• Product 13	6AV6643-8AD10*
• Product 14	6AV6545-0AH10-0AX1
Product 15	6AV6644-0*
• Product 16	6AV6644-8AB20*
• Product 17	6AV6545-0C*
• Product 18	6av2124-0*
• Product 19	6AV2124-1*
• Product 20	6AV2124-2DC01-0AX0

last modified: