



SIMATIC SD memory card 2 GB Secure Digital Card for For devices with corresponding Slot Further information, Quantity and content: see technical data

General information	
Product type designation	SD memory card
Control elements	
Frame size/design	
<ul style="list-style-type: none"> <li>Standard</li> <li>Flat</li> </ul>	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)	100 mA; Typical, maximum value
Memory	
Type of memory	Secure Digital memory card
Memory size	2 Gbyte
Transmission rate for reading, max.	600 Mbit/s; Typical
Transmission rate for writing, max.	600 Mbit/s; Typical
Wear leveling (distributed writing)	Yes
Write protection switch	Yes; Effectiveness depends on the device
Interfaces	
Device-side interface	
<ul style="list-style-type: none"> <li>Number of pins device-side</li> </ul>	9
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
cULus	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
RoHS conformity	Yes
China RoHS compliance	Yes
Marine approval	Yes; Passive component, therefore dependent on target device
Use in hazardous areas	
<ul style="list-style-type: none"> <li>ATEX Zone 2</li> <li>ATEX Zone 22</li> <li>IECEx Zone 2</li> <li>IECEx Zone 22</li> <li>cULus Class I Zone 2, Division 2</li> </ul>	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.

<ul style="list-style-type: none"> <li>• FM Class I Division 2</li> </ul>	Yes; Always comply with the operating instructions of the target device.
<b>Marine approval</b>	
<ul style="list-style-type: none"> <li>• Germanischer Lloyd (GL)</li> <li>• American Bureau of Shipping (ABS)</li> <li>• Bureau Veritas (BV)</li> <li>• Det Norske Veritas (DNV)</li> <li>• Lloyds Register of Shipping (LRS)</li> <li>• Nippon Kaiji Kyokai (Class NK)</li> <li>• Polski Rejestr Statkow (PRS)</li> <li>• Chinese Classification Society (CCS)</li> <li>• Compass working clearance</li> </ul>	<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>Yes; Always comply with the operating instructions of the target device.</p> <p>5 m</p>
<b>Ambient conditions</b>	
Suited for indoor use	Yes
Suited for outdoor use	No
<b>Ambient temperature during operation</b>	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	<p>0 °C</p> <p>55 °C</p>
<b>Ambient temperature during storage/transportation</b>	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	<p>-25 °C</p> <p>70 °C</p>
<b>Relative humidity</b>	
<ul style="list-style-type: none"> <li>• Operation, max.</li> <li>• Condensation permissible</li> </ul>	<p>95 %</p> <p>No; Condensation not permissible</p>
<b>Operating systems</b>	
<b>pre-installed operating system</b>	
<ul style="list-style-type: none"> <li>• Windows CE</li> </ul>	No; Preinstalled system files
<b>Runs under operating system</b>	
<ul style="list-style-type: none"> <li>• Windows CE</li> <li>• Windows Vista</li> <li>• Windows XP</li> <li>• Windows 7</li> <li>• Windows 8</li> <li>• Windows 10</li> <li>• Linux</li> <li>• other</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes; Card must not be formatted!</p>
<b>Mechanics/material</b>	
Enclosure material (front)	
<ul style="list-style-type: none"> <li>• Plastic</li> </ul>	Yes; Gold contacts
Enclosure color (front)	RAL 6034 (color deviation possible)
<b>Service life</b>	
<ul style="list-style-type: none"> <li>• Number of operating cycles, keys</li> </ul>	10; min. data storage without loss of data (in years) with new card
<b>Dimensions</b>	
Width	24 mm
Height	32 mm
Thickness	2.1 mm
<b>Weights</b>	
Weight (without packaging)	3 g
Weight (with packaging)	6 g
<b>Scope of supply</b>	
Delivery quantity in pieces	1
<b>Other</b>	
Merchandise	No
Manufacturer name	SIEMENS AG
Manufacturer's address	Gleiwitzerstraße 555, 90475 Nuremberg, Germany
Target devices	Especially for KTP Mobile Panels 2nd Generation, MP377 and Comfort Panels, but also for all other panels (other than Classic Panels) and PCs with suitable slot
Note:	Not suitable for MP177, MP277, Mobile Panel 277, OP77, TP/OP177, TP/OP277 and Mobile Panel 177
<b>Usable in the following products</b>	
<ul style="list-style-type: none"> <li>• Product 1</li> </ul>	6AV2124-*

- Product 4
- Product 5
- Product 6
- Product 7

6AV2125-2G\*  
6AV2125-2J\*  
6AV2125-2D\*  
6AV6644-\*

last modified:

7/28/2022 