SIEMENS

Data sheet

6AV2181-8XP00-0AX0



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	
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)	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	
 Number of pins device-side 	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	
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.

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Usable in the following products		
 Product 1 	6AV2124-*	
 Product 4 	6AV2125-2G*	
Product 5	6AV2125-2J*	
Product 7	6AV6644-*	

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