Data sheet

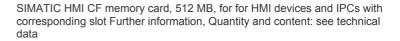




Figure similar

General information		
Product type designation	CompactFlash card	
Control elements		
Frame size/design		
Standard	Yes	
• 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; Selectable power supply: 3.3 V ±10% or 5.0 V ±10%	
Input current		
Current consumption (rated value)	75 mA; Typical, maximum value	
Memory		
Type of memory	CompactFlash memory CF type I	
Design	CompactFlash	
Memory size	512 Mbyte	
SLC flash write cycles	2; Millions, consumer quality	
Write protection switch	No	
Standards, approvals, certificates		
CE mark	Yes	
UL approval	No	
cULus	No	
KC approval	No	
EAC (formerly Gost-R)	No	
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.	
 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.	
 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; Any mounting angle	
• max.	50 °C; Any mounting angle	
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 Visita Windows XP	Yes	
Windows 7	Yes	
• Windows 8	Yes	
• Linux	No	
• other	Yes; Card must not be formatted!	
Mechanics/material		
Enclosure material (front)	V	
Plastic	Yes	
Service life		
Number of operating cycles, keys	10; Min. data storage without loss (in years)	
Dimensions		
Width	42.8 mm	
Height	36.4 mm	
Thickness	3.3 mm	
Weights		
Weight (without packaging)	10 g	
Weight (with packaging)	15 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 SIMATIC HMI devices with CF slot	
Usable in the following products		
• Product 1	6AV6642-0*	
• Product 2	6AV6542-0*	
• Product 3	6AV6545-0*	
• Product 4	6AV6644-*	
Product 5	6AV6545-8*	
Product 6	6AV6640-0C*	
• Product 6 • Product 7	6AV6643-7BA00-*	
Product 7 Product 8	6AV6643-7CD00-*	
Product 8 Product 9	6AV6643-7DD00-*	
last modified:	1/16/2021 🖸	