SIEMENS

Data sheet 6AV6574-2AC00-2AA1

SIMATIC HMI CF memory card, 512 MB, for HMI devices and IPCs with corresponding slot, scope of supply: 1 memory card



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
UKCA 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.

Subject to change without notice
© Copyright Siemens

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 XP	Yes
● Windows 7	Yes
● Windows 8	Yes
● Linux	No
● other	Yes; Card must not be formatted!
Mechanics/material	
Enclosure material (front)	
● 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

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

Subject to change without notice
© Copyright Siemens

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

last modified: 4/3/2025

Subject to change without notice
© Copyright Siemens