

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7648-2BF02-0XH0

INDUSTRIAL COMPACTFLASH MEMORY CARD

Used with the applicable SIMATIC Industrial CompactFlash configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: SIMATIC Industrial CompactFlash Industrial CompactFlash Memory Card; applicable manufacturer document pages 1, 2, 3

SIMATIC CF memory card, 8 GB, for IPCs with corresponding slot
Further information, Quantity and content: see technical data



General information

Product type designation	CompactFlash card
--------------------------	-------------------

Control elements

Frame size/design	
-------------------	--

Standard	Yes
--	-----

Installation type/mounting

Mounting position	Any, dependent on target device
-------------------	---------------------------------

Supply voltage

Type of supply voltage	DC
Rated value (DC)	3.3 V; Selectable power supply: 3.3 V $\pm$ 10% or 5.0 V $\pm$ 10%

Power

Active power input, typ.	1 W
--------------------------	-----

Memory

Type of memory	CompactFlash memory CF type I
Design	SLC flash
Memory size	8 Gbyte; 1 year (data retention)

Speed class	Write speed: up to 16 MB/s (UDMA4), read speed: up to 36 MB/s (UDMA4)
SLC flash write cycles	2; Millions, industrial quality
Write protection switch	No
Standards, approvals, certificates	
CE mark	Yes
RoHS conformity	Yes
China RoHS compliance	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	-40 °C; Any mounting angle
• max.	85 °C; Any mounting angle
Ambient temperature during storage/transportation	
• min.	-50 °C
• max.	100 °C
Relative humidity	
• Operation, max.	85 %
• Condensation permissible	No
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; Bootable
Mechanics/material	
Enclosure material (front)	
• Plastic	Yes
Dimensions	
Width	42.8 mm
Height	36.4 mm
Thickness	3.3 mm
Weights	
Weight without packaging	10 g
Weight incl. packaging	15 g
Scope of supply	
Delivery quantity in pieces	1

Other	
Merchandise	Yes
Manufacturer name	SIEMENS AG
Manufacturer's address	Gleiwitzerstraße 555, 90475 Nuremberg, Germany
Target devices	For SIMATIC HMI devices and IPCs with the appropriate slot
last modified:	01/20/2018 