SIEMENS

Data sheet 6ES7648-2BF02-0XF0

SIMATIC CF memory card, 2 GB, for IPCs with corresponding slot
Further information, Quantity and content: see technical data



General information	
Product type designation	CompactFlash card
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%
Power	
Active power input, typ.	1 W
Memory	
Type of memory	CompactFlash memory CF type I
Design	SLC flash
Memory size	2 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

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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

Mechanics/material	
Enclosure material (front)	
• Plastic	Yes

Dimensions	
Width	42.8 mm
Height	36.4 mm
Thickness	3.3 mm

Weights	
Weight, approx.	10 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 and IPCs with the appropriate slot
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