SIEMENS

Data sheet

6ES7648-2BF10-0XK1

SIMATIC CFast memory card, 30 GB, for IPCs and Open Controller with corresponding slot Further information, quantity and content: See technical data



General information	
Product type designation	CFast memory card
Control elements	
Frame size/design	
Standard	Yes; Serial ATA
• 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
Power	
Active power input, typ.	1.3 W; Inactive 0.4 W
Memory	
Type of memory	CFast Type I
Design	Multi-level cell (MLC)
Memory size	30 Gbyte; 1 year (data retention)
Speed class	Write speed: up to 45 MBps (UDMA6), read speed: up to 200 MBps (UDMA6)
Write cycles MLC flash	8.8; Terabytes, industrial quality
Standards, approvals, certificates	
CE mark	Yes
EAC (formerly Gost-R)	Yes
RoHS conformity	Yes
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 1	No
IECEx Zone 11	No
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 1	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.
 cULus Class II 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) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) • Polski Rejestr Statkow (PRS) • Chinese Classification Society (CCS)		
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