

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
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	3.3 V; $\pm 5\%$
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	
<ul style="list-style-type: none"> <li>• ATEX Zone 2</li> <li>• ATEX Zone 22</li> <li>• IECEx Zone 1</li> <li>• IECEx Zone 11</li> <li>• IECEx Zone 2</li> <li>• IECEx Zone 22</li> <li>• cULus Class I Zone 1</li> <li>• cULus Class I Zone 2, Division 2</li> <li>• cULus Class II Division 2</li> <li>• FM Class I Division 2</li> <li>• FM Class II Division 2</li> </ul>	<p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>No</p> <p>No</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p>
Marine approval	
<ul style="list-style-type: none"> <li>• Germanischer Lloyd (GL)</li> <li>• American Bureau of Shipping (ABS)</li> <li>• Bureau Veritas (BV)</li> <li>• Det Norske Veritas (DNV)</li> <li>• Korean Register of Shipping (KRS)</li> <li>• Lloyds Register of Shipping (LRS)</li> <li>• Nippon Kaiji Kyokai (Class NK)</li> <li>• Polski Rejestr Statkow (PRS)</li> <li>• Chinese Classification Society (CCS)</li> </ul>	<p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p>
Ambient conditions	

Suited for indoor use	Yes; Always comply with the operating instructions of the target device.
Suited for outdoor use	No
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
Accessories	
Function description	fixed mode, multiple partitions possible
Mechanics/material	
Enclosure material (front)	
• Plastic	Yes
Dimensions	
Width	42.8 mm
Height	36.4 mm
Thickness	3.6 mm
Weights	
Weight (without packaging)	10 g
Weight (with packaging)	20 g
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
Note:	bootable, real-time capable, error correction, wear leveling, power loss protection and diagnostics-capable

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