



Figure similar

General information	
Product type designation	SIMATIC CFAST memory card, 16 GB
Control elements	
Frame size/design	
• Standard	Yes; Serial ATA
Installation type/mounting	
Mounting position	Any
Supply voltage	
Type of supply voltage	Selectable power supply: 3.3 V $\pm$ 5 %
Power	
Active power input, typ.	0.7 W; Inactive 0.3 W
Memory	
Type of memory	CFAST Type I
Design	SLC NAND flash
Memory size	16 Gbyte; 1 year (data retention)

Speed class	Write speed: up to 60 MB/s (UDMA6), read speed: up to 100 MB/s (UDMA6)
SLC flash write cycles	17; Terabytes, industrial quality
Number of write/delete operations, min.	17; Terabytes, write capability
Standards, approvals, certificates	
CE mark	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	No
• Windows Vista	Yes
• Windows XP	No
• Windows 7	Yes
• Windows 8	Yes
• Linux	Yes
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
Scope of supply	
Delivery quantity in pieces	1
Other	
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

last modified:

07/05/2017