



## CF200 UDMA Compact Flash Memory

Given the high availability demands placed on automation systems, program and data memory must be selected with particular care. The Compact Flash memory cards CF200 UDMA are therefore especially selected industrial types that can cope with the requirements of harsh daily working routines.

Use of the CF200 UDMA both in CPUs of the M200 family as well as in CT and WT devices is strongly recommended due to the extreme environmental conditions, the large number of supported write cycles and the many years of lasting experience with suppliers.

### Features

- Compact Flash type I according to Compact Flash specification
- Memory capacity 2/4/8 GB
- Very fast data transfer (UDMA)
- Write protection via operating software
- Extended temperature range
- Long lifetime / MTTF

Part type designation	Part number
CF200/2GB UDMA	00013163-00
CF200/4GB UDMA	00016586-00
CF200/8GB UDMA	00016587-00

**CF200 UDMA**

Technical data	
Memory type	Compact Flash type I
Memory capacity	2/4/8 GB
Data transfer rate	Up to 66 MB/s (UDMA 4 burst)
NAND flash type	SLC
Operating voltage	3.3 V / 5 V (automatic adaptation)
Read/write cycles	> 100 000
MTBF at 25 °C	> 3 000 000 h (depending on free memory)
Vibration	20 G, 20 Hz to 2 kHz
Shock	1500 G, half cycle 0.5 ms
Environmental conditions	
Operating temperature	-40 °C to +85 °C
Relative humidity, operation	5 % to 85 % noncondensing
Storage temperature	-40 °C to +100 °C
Relative humidity, storage	5 % to 85 % noncondensing

**Order data**

Part type designation	Part number	Description
CF200/2GB UDMA	00013163-00	Compact flash card 2 GB UDMA
CF200/4GB UDMA	00016586-00	Compact flash card 4 GB UDMA
CF200/8GB UDMA	00016587-00	Compact flash card 8 GB UDMA