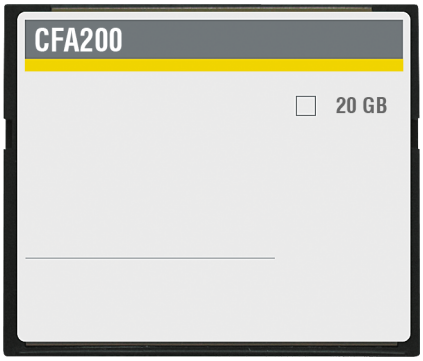

Part type designation	Part number
CFA200/20GB	00046858-00

CFA200 SLC CFast Memory

The full speed of the SATA interface is available with the CFast memory card for powerful controllers. Transfer rates up to 30 times higher than CF cards can be achieved. Given the high availability demands placed on automation systems, program and data storage must be selected with particular care. The CFast memory cards CFA200 SLC are therefore especially selected industrial types that can cope with the requirements of harsh daily working routines.

Use of the CFA200 SLC both in CPUs of the M200 family as well as in our visualization 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. The robustness was significantly increased in comparison with a CF card via a stable edge connector.

Features

- CFast Type I
- Storage capacity 20 GB
- Fast data transfer
- Write protection via software
- Extended temperature range
- Long lifetime / MTTF

CFA200 SLC

Technical data	
Storage type	CFast Type I
Storage capacity	20 GB
Data transfer rate	Up to 520 MB/s
NAND flash type	SLC
Operating voltage	3.3 V
Read/write cycles	> 60 000
MTBF at 25 °C	> 3 000 000 h (depending on free memory)
Vibration	15 G: 10 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 95 % noncondensing
Storage temperature	-40 °C to +85 °C
Relative humidity, storage	5 % to 95 % noncondensing

Order data

Part type designation	Part number	Description
CFA200/20GB	00046858-00	CFast card 20 GB