

SIMATIC HMI CF memory card, 512 MB, for for HMI devices and IPCs with corresponding slot Further information, Quantity and content: see technical data



Figure similar

| General information                   |  |
|---------------------------------------|--|
| Product type designation              | CompactFlash card  |
| Control elements                      |  |
| Frame size/design                     |  |
| • Standard                            | Yes  |
| • 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; Selectable power supply: 3.3 V ±10% or 5.0 V ±10%                 |
| Input current                         |  |
| Current consumption (rated value)     | 75 mA; Typical, maximum value  |
| Memory                                |  |
| Type of memory                        | CompactFlash memory CF type I  |
| Design                                | CompactFlash   |
| Memory size                           | 512 Mbyte  |
| SLC flash write cycles                | 2; Millions, consumer quality  |
| Write protection switch               | No   |
| Standards, approvals, certificates    |  |
| CE mark                               | Yes  |
| UL approval                           | No   |
| cULus                                 | No   |
| KC approval                           | No   |
| EAC (formerly Gost-R)                 | No   |
| RoHS conformity                       | Yes  |
| China RoHS compliance                 | Yes  |
| Marine approval                       | Yes; Passive component, therefore dependent on target device             |
| 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 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 2, 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)
- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (Class NK)
- Polski Rejestr Statkow (PRS)
- Chinese Classification Society (CCS)
- Compass working clearance

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#### Ambient conditions

|  |                                  |
|--|----------------------------------|
| Suited for indoor use                                    | Yes                              |
| <b>Ambient temperature during operation</b>              |                                  |
| • min.   | 0 °C; Any mounting angle         |
| • max.   | 50 °C; Any mounting angle        |
| <b>Ambient temperature during storage/transportation</b> |                                  |
| • min.   | -20 °C                           |
| • max.   | 60 °C                            |
| <b>Relative humidity</b>                                 |                                  |
| • Operation, max.  | 90 %                             |
| • Condensation permissible                               | No; Condensation not permissible |

#### Operating systems

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>Runs under operating system</b> |                                  |
| • Windows CE                       | Yes                              |
| • Windows Vista                    | Yes                              |
| • Windows XP                       | Yes                              |
| • Windows 7                        | Yes                              |
| • Windows 8                        | Yes                              |
| • Linux                            | No                               |
| • other                            | Yes; Card must not be formatted! |

#### Mechanics/material

|                                    |   |
|------------------------------------|---|
| <b>Enclosure material (front)</b>  |   |
| • Plastic                          | Yes   |
| <b>Service life</b>                |   |
| • Number of operating cycles, keys | 10; Min. data storage without loss (in years) |

#### Dimensions

|           |         |
|-----------|---------|
| Width     | 42.8 mm |
| Height    | 36.4 mm |
| Thickness | 3.3 mm  |

#### Weights

|                            |      |
|----------------------------|------|
| Weight (without packaging) | 10 g |
| Weight (with packaging)    | 15 g |

#### Scope of supply

|                             |   |
|-----------------------------|---|
| Delivery quantity in pieces | 1 |
|-----------------------------|---|

#### Other

|                        |  |
|------------------------|--|
| Merchandise            | No   |
| Manufacturer name      | SIEMENS AG                                     |
| Manufacturer's address | Gleiwitzerstraße 555, 90475 Nuremberg, Germany |
| Target devices         | for SIMATIC HMI devices with CF slot           |

#### Usable in the following products

|             |                 |
|-------------|-----------------|
| • Product 1 | 6AV6642-0*      |
| • Product 2 | 6AV6542-0*      |
| • Product 3 | 6AV6545-0*      |
| • Product 4 | 6AV6644-*       |
| • Product 5 | 6AV6545-8*      |
| • Product 6 | 6AV6640-0C*     |
| • Product 7 | 6AV6643-7BA00-* |
| • Product 8 | 6AV6643-7CD00-* |
| • Product 9 | 6AV6643-7DD00-* |

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