



#### Features

- ✓ Immediate cost savings
- ✓ Easy installation with plug and play
- ✓ For use in the 300 series

## Micro Memory Cards for S7 300 series 2 MByte

The Helmholz micro memory card with a capacity of 64 kByte is suitable for use in the 300 series modules of Siemens AG suitable.

Our product range includes the entire range of the most popular modules, plus the special variants 256 kByte and 1 MByte.

#### General information

|                        |                                            |
|------------------------|--------------------------------------------|
| Order number           | 700-953-8LL31                              |
| Dimensions (D x W x H) | 32 x 24 1,4 mm                             |
| Article name           | Micro Memory Card, 2 MByte, for 300 series |
| Scope of delivery      | Micro Memory Card, 2 MByte                 |

#### Properties

|                                    |               |
|------------------------------------|---------------|
| Storage volume                     | 2 MByte       |
| Power supply                       | 2.7 ... 3.6 V |
| Extended Temperature range         | -25° ... 90°C |
| Number of card insertions/removals | > 10,000      |

|                                                                |
|----------------------------------------------------------------|
| Max. 16 sectors data loss (old data kept)                      |
| Four integrated 4KByte Sector Buffers for fast data transfer   |
| Fully compliant with MMC Card specification 3.31, 4.1, and 4.2 |
| Data Retention: 10 year (JEDEC)                                |
| 1 bit MMC or SPI data transfer                                 |
| MMC and SPI burst up to 52Mbit/s (6.5 MB/s)                    |
| Flash burst 33 MB/s                                            |
| RoHS (2002/95/EC) compliant and lead-free                      |

#### Possible applications

|                         |                 |
|-------------------------|-----------------|
| 300 compatible controls | CPU 312 C       |
|                         | CPU 313 C       |
|                         | CPU 314 C       |
|                         | CPU 312 ... 317 |
|                         | IM 151          |
|                         | IM 153          |
|                         | IM 154          |
|                         | CPU C7          |