Technical data for memory cards 700-954-8Lx04

Version: 2 - 10/23/2024 for HW 1

Application area

The memory cards can also be used as memory for the PLCs of the
S7-1200/-1500 series from Siemens.

General technical specifications

Order no.	700-954-8Lx04	
Name	Memory card for 1200/1500 series, 4 / 12 / 24 / 256 MByte / 2 GByte	
Memory size	700-954-8LC04: 4 MByte 700-954-8LE04: 12 MByte 700-954-8LF04: 24 MByte 700-954-8LL04: 256 MByte 700-954-8LP04: 2 GByte	The named indications of the memory size are theoretical values. In practice, the actually usable memory size is less than the theoretical size. The reason for this is that the internal controller of the card and the file system reserve part of the existing memory for its internal memory administration.
Data retention time following the last programming	min. 10 years for less than 50,000 write cycles min. 1 year for more than 450,000 write cycles	
General information		
Scope of delivery	Memory card	
Dimensions (D x W x H)	24 x 32 x 2.1 mm	
Weight	Approx. 2.5 g	
Ambient conditions		
Ambient temperature	0 °C ... +60 °C	
Transport and storage temperature	-40 °C ... +85 °C	
Relative air humidity	95 % r H without condensation	
Pollution degree	2	
Protection rating	IP20	

Number of minimal write/delete cycles

Memory size	Order number	Number of minimal write/delete cycles per memory block
4 MByte	700-954-8LC04	500,000
12 MByte	700-954-8LE04	500,000
24 MByte	700-954-8LF04	500,000
256 MByte	700-954-8LL04	250,000
2 GByte	700-954-8LP04	120,000

Note:

The contents of this document have been checked by us for matching with the hardware and software described. However, we assume no liability for any existing differences, as these cannot be fully ruled out.

The information in this document is, however, updated on a regular basis. When using your purchased products, please make sure to use the latest version of the document, which can be viewed and downloaded in the Internet at www.helmholz.de.