

DATA SHEET

MC5141

Memory card



1 Ordering data

Part no.	Description	Product life cycle phase *)
1SAP 180 100 R0041	MC5141, memory card	Active

Part no.	Description	Product life cycle phase *)
1TNE 968 901 R0100	MC503, memory card adapter for PM55x-xP or PM56x-xP	Active



*) Modules in lifecycle Classic are available from stock but not recommended for planning and commissioning of new installations.

Memory card type	AC500 V2	AC500-XC V2	AC500-eCo V2 ³⁾	AC500 V3	AC500-XC V3	AC500-eCo V3
MC502	x	x	x	x	x	-
MC5141	x	x	x	x	x	-
MC5102 with TA5350-AD micro memory card adapter	x ¹⁾	x ^{1) 2)}	x ¹⁾	x	x ²⁾	-
MC5102 without TA5350-AD micro memory card adapter	-	-	-	-	-	x

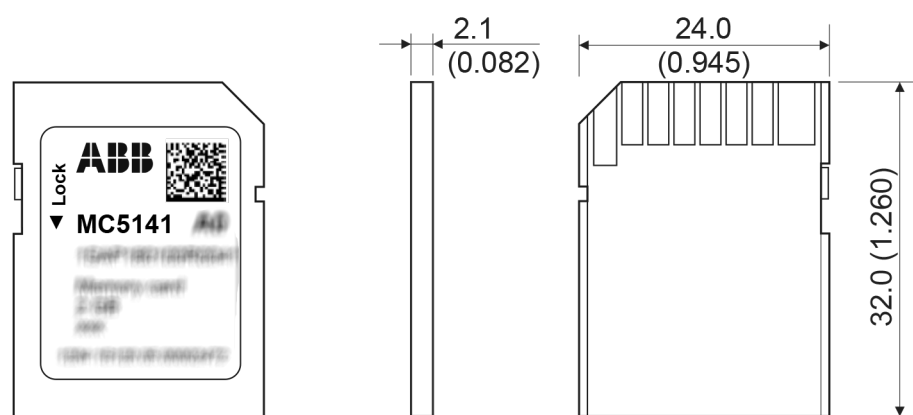
¹⁾ As of firmware 2.5.x

²⁾ Temporary use of MC5102 is possible under normal environmental conditions, but MC5141 should be preferred.

3) A memory card can only be inserted when a MC503 memory card adapter is installed in the processor module.

i Processor modules can be operated with and without (micro) memory card.
 Processor modules are supplied without (micro) memory card. It must be ordered separately.
 AC500-eCo V2 processor modules must be equipped with an MC503 memory card adapter if a memory card is used.

2 Dimensions



i The dimensions are in mm and in brackets in inch.

3 Technical data

Parameter	Value
Memory capacity	2 GB
Total bytes written (TBW)	On request
Data retention	
at beginning	10 years at 40 °C
when number of write processes has been 90 % of lifetime of each cell	1 year at 40 °C
Write protect switch	Yes, at the edge of the memory card
Weight	2 g
Dimensions	24 mm x 32 mm x 2.1 mm



It is not possible to use 100 % of a device's memory space. About 10 % of the total available space must remain unused at any time to maintain normal device operation.