



The MSR10 reader makes it possible to load data from memory cards into PCs over a serial interface (V.24). The MSR10 Memory Card reader distinguishes itself from all other card readers that are currently available through the two different transfer protocols that are used:

- 1) Standard protocol creates the possibility of reading in only a specified number of bytes from the requested memory card (for copying the contents of the memory card to PC hard disk) address and allows for the formatting of the memory card (DATA FW4 and DLC 32)
- 2) SCTM-protocol - enables the reading and formatting of memory cards

This unit is capable to read and format memory cards with a capacity of up to 8 MByte (JEIDA/ PC-card standard).

The following stored information can be requested from memory cards that come from DATA FW units:

- The specification of the periodic buffer (PP-01 or PP-02) with measurement values (load-profile).
- The last 100 entries in the spontaneous buffer (e.g. voltage interruption, parameter changes, etc.)
- The values that were current at the time that the memory card was removed from the card reader in the following areas:
 - Date and time, the most recent working values, the performance values.
 - depending on the software version of the originating unit of the memory card: The outpostion location number or the unit identification, the working values at the time that the memory card was installed in the unit, the reference constants.
 - The time of the last measuring period, the most recently set baud rate for requests through the SCTM-protocol.
 - The measuring period, the status of the unit, information about the radio clock was turned on.
 - The total capacity of the periodic buffer on the memory card in measurement periods, the length of a measurement period, entry bytes, the contents of periodic buffers 01 and 02.

Technical Data

Housing:	desktop case
Dimensions:	160mm × 110mm × 200mm (H × W × D)
Interface:	Front side V.24-interface (9-pole socket)
Available baud rates:	SCTM-Protcol:2400 or 9600 baud (7, E, 1), switchable, Standard protocol: 19200 baud (8, N, 1)
Supply voltage:	115V/230 VAC 50/60Hz (switchable)
Display:	1 LED as operation indicator, 1 LED on the plugged MSC01 unit (multi-function)