



RS204 Interface Module

The interface module RS204 is used to connect four asynchronous serial interfaces to the M1 controller.

- 4 interfaces on one module
- Any number of interfaces possible per controller
- RS232 / RS422 / RS485 can be combined
- High speed interfaces with up to 1.5 Mbaud
- Auto-flow control for automatic handshake
- Integrated terminating resistors (connect/disconnect)
- Interfaces galvanically isolated

Item	Item-No.
RS204	00021235-00
RS204 CC	00021674-00

RS204			
Description	RS232	RS422	RS485
Transfer rate ¹⁾ (max.)	115.2 Kbaud	1.5 Mbaud	1.5 Mbaud
Signal level	RS232	RS422	RS485
Terminating resistance	-	Yes, adjustable via DIP switch	
Operating mode	Full duplex		Half duplex
External power supply			
Voltage range	18 to 34 V DC		
Current consumption	120 mA at 24 V DC		
Galvanic isolation from system and between interfaces	500 V		
Approvals / Certificates			
General	CE, cULus, CCC		
Marine	DNV GL, LR, ABS, BV		
Ambient conditions	Standard	ColdClimate (✳)	
Operating temperature	-30 to +60 °C		
Rel. humidity operation	5 to 95 % without condensation	5 to 95 % with condensation	
Storage temperature	-40 to +85 °C		
Rel. humidity storage	5 to 95 % with condensation		
Pollution degree	2 (without condensation; according to IEC 60664-1)	2 (according to IEC 60664-1)	

1) The following transfer rates [bit / s] can be set via software: 300; 1200; 2400; 4800; 9600; 19,2k; 28,8k;38,4k; 57,6k; 76,8k; 115,2k; 153,6k; 230,4k; 460,8k; 921,6k or 250k; 300k; 375k; 500k; 750k; 1,5Mbit/s

Order Codes		
Item	Item No.	Description
RS204	00021235-00	Serial interface module; 4x RS232/422/485; up to 1.5Mbaud; 128Byte FIFO; single isolated
RS204 CC	00021674-00	Like RS204; ColdClimate (✳)
Accessories		
KZ 51/02 B	00012058-00	Terminal 02-pins grid 5,08; cage clamp terminal with labeling strip