

**Data sheet**  
 CP 240, M-Bus (240-1FA20)

## Technical data

<b>Order no.</b>	<b>240-1FA20</b>
Type	CP 240, M-Bus
<b>General information</b>	
Note	-
Features	M-Bus master Isolated Up to 6 slaves
<b>Current consumption/power loss</b>	
Current consumption from backplane bus	300 mA
Power loss	1.5 W
<b>Status information, alarms, diagnostics</b>	
Status display	yes
Interrupts	no
Process alarm	no
Diagnostic interrupt	no
Diagnostic functions	no
Diagnostics information read-out	none
Supply voltage display	yes
Group error display	red LED
Channel error display	none
<b>Functionality Sub-D interfaces</b>	
Type	-
Type of interface	-
Connector	-
Electrically isolated	-
MPI	-
MP2I (MPI/RS232)	-
Point-to-point interface	-
5V DC Power supply	-
24V DC Power supply	-
<b>Point-to-point communication</b>	
PtP communication	-
Interface isolated	yes
RS232 interface	-
RS422 interface	-
RS485 interface	-
Connector	-
Transmission speed, min.	300 bit/s
Transmission speed, max.	9.6 kbit/s
Cable length, max.	-
<b>Point-to-point protocol</b>	
ASCII protocol	-

STX/ETX protocol	-
3964(R) protocol	-
RK512 protocol	-
USS master protocol	-
Modbus master protocol	-
Modbus slave protocol	-
Special protocols	M-Bus master

**Datasizes**

Input bytes	16
Output bytes	16
Parameter bytes	16
Diagnostic bytes	0

**Housing**

Material	PPE / PA 6.6
Mounting	Profile rail 35 mm

**Mechanical data**

Dimensions (WxHxD)	25.4 mm x 76 mm x 78 mm
Net weight	80 g
Weight including accessories	-
Gross weight	-

**Environmental conditions**

Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C

**Certifications**

UL certification	yes
KC certification	-