

**Data sheet**  
 CP 040 RS422/485 (040-1CA00)

**Technical data**

<b>Order no.</b>	<b>040-1CA00</b>
Type	CP 040 RS422/485
Module ID	0E41 1700
<b>General information</b>	
Note	-
Features	RS422/485 interface Protocols ASCII, STX/ETX, 3964(R) and Modbus RTU (master, slave)
<b>Current consumption/power loss</b>	
Current consumption from backplane bus	125 mA
Current consumption from load voltage L+ (without load)	10 mA
Power loss	1 W
<b>Status information, alarms, diagnostics</b>	
Status display	yes
Interrupts	yes, parameterizable
Process alarm	no
Diagnostic interrupt	yes, parameterizable
Diagnostic functions	yes, parameterizable
Diagnostics information read-out	possible
Supply voltage display	green LED
Group error display	red LED
Channel error display	red LED
<b>Point-to-point communication</b>	
PtP communication	yes
Interface isolated	yes
RS232 interface	-
RS422 interface	yes
RS485 interface	yes
Connector	Terminal module
Transmission speed, min.	150 bit/s
Transmission speed, max.	115.2 kbit/s
Cable length, max.	1200 m
<b>Point-to-point protocol</b>	
ASCII protocol	yes
STX/ETX protocol	yes
3964(R) protocol	yes
RK512 protocol	-
USS master protocol	-
Modbus master protocol	yes
Modbus slave protocol	yes
Special protocols	-
<b>Datasizes</b>	

Input bytes	8 / 20 / 60
Output bytes	8 / 20 / 60
Parameter bytes	23
Diagnostic bytes	20

**Housing**

Material	PPE / PPE GF10
Mounting	Profile rail 35 mm

**Mechanical data**

Dimensions (WxHxD)	12.9 mm x 109 mm x 76.5 mm
Net weight	59 g
Weight including accessories	59 g
Gross weight	74 g

**Environmental conditions**

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

**Certifications**

UL certification	yes
KC certification	yes