

Data sheet

CP 040 RS422/485 (040-1CA00)

Technical data

Order no.	040-1CA00
Type	CP 040 RS422/485
Module ID	0E41 1700
General information	
Note	-
Features	RS422/485 interface
Current consumption/power loss	
Current consumption from backplane bus	100 mA
Current consumption from load voltage L+ (without load)	10 mA
Power loss	1 W
Status information, alarms, diagnostics	
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
Point-to-point communication	
PtP communication	✓
Interface isolated	✓
RS232 interface	-
RS422 interface	✓
RS485 interface	✓
Connector	Terminal module
Transmission speed, min.	150 bit/s
Transmission speed, max.	115.2 kbit/s
Cable length, max.	1200 m
Point-to-point protocol	
ASCII protocol	✓
STX/ETX protocol	✓
3964(R) protocol	✓
RK512 protocol	-
USS master protocol	-
Modbus master protocol	✓

Modbus slave protocol



Special protocols

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Datasizes

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

Weight 60 g

Environmental conditions

Operating temperature 0 °C to 60 °C

Storage temperature -25 °C to 70 °C

Certifications

UL508 certification yes