Data sheet
CP 341 (341-2CH71)

Technical data

Order no.	341-2CH71
Type	CP 341

General information

Note	-
Features	2x RS422/485, isolated SPEED-Bus Data transfer rate up to 115.2 kbit/s Integrated diagnostics buffer
SPEED-Bus	yes

Current consumption/power loss

Current consumption from backplane bus	750 mA
Power loss	3.75 W

Status information, alarms, diagnostics

Status display	yes
Interrupts	no
Process alarm	no
Diagnostic interrupt	no
Diagnostic functions	yes, parameterizable
Diagnostics information read-out	possible
Supply voltage display	none
Group error display	yes
Channel error display	red LED per channel

Functionality Sub-D interfaces

Type	X2
Type of interface	RS422/485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP²I (MPI/RS232)	-
Point-to-point interface	yes

Type	X3
Type of interface	RS422/485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP²I (MPI/RS232)	-
Point-to-point interface	yes

Point-to-point communication

PtP communication	yes

Interface isolated	yes
RS232 interface	-
RS422 interface	yes
RS485 interface	yes
Connector	Sub-D, 9-pin, female
Transmission speed, min.	150 bit/s
Transmission speed, max.	115.2 kbit/s
Cable length, max.	1200 m

Point-to-point protocol

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

Datasizes

Input bytes	32
Output bytes	32
Parameter bytes	75
Diagnostic bytes	0

Housing

Material	PPE
Mounting	DIN rail SPEED-Bus

Mechanical data

Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Weight	185 g

Environmental conditions

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

Certifications

UL certification	yes
KC certification	-