YASKAWA

Data sheet
CP 341 (341-1CH01)

Technical data

Order no.	341-1CH01
Type	CP 341
General information	
Note	-
Features	RS422/485 Isolated Function compatibility to Siemens CP 341 Parameterization via the Siemens parameterization package Data transfer rate up to 76,8 Kbit/s Power supply via backplane bus
SPEED-Bus	-
Current consumption/power loss	
Current consumption from backplane bus	160 mA
Power loss	0.8 W
Status information, alarms, diagnostics	
Status display	yes
Interrupts	no
Process alarm	no
Diagnostic interrupt	yes, parameterizable
Diagnostic functions	no
Diagnostics information read-out	possible
Supply voltage display	yes
Group error display	red SF LED
Channel error display	none
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
5V DC Power supply	max. 90mA, isolated
24V DC Power supply	-
Type	-
Type of interface	-
Connector	-
Electrically isolated	-
MPI	-
MP²I (MPI/RS232)	-
Point-to-point interface	-
5V DC Power supply	-
24V DC Power supply	-

© by Yaskawa Europe GmbH, Philipp-Reis-Str. 6, 65795 Hattersheim, Germany
All data with reservation and subject to change.
Publish date: 12.04.2024

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.	76.8 kbit/s
Cable length, max.	1200 m
Point-to-point protocol	
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	-
Datasizes	
Input bytes	16
Output bytes	16
Parameter bytes	(16 + 106)
Diagnostic bytes	4
Housing	
Material	PPE
Mounting	Rail System 300
Mechanical data	
Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Net weight	170 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	yes

© by Yaskawa Europe GmbH, Philipp-Reis-Str. 6, 65795 Hattersheim, Germany
All data with reservation and subject to change.
Publish date: 12.04.2024