

Data sheet

CP 342S IBS, dual INTERBUS master SPEED-Bus (342-2IA71)

Technical data

Type CP 3428 IBS, dual INTERBUS master SPEED-Bus General Information Note Features Dual INTERBUS master SPEED-Bus SPEED-Bus SPEED-Bus SPEED-Bus Pulpopatic via LEDa Diagnostic via LEDA VIA VIA VIA VIA VIA VIA VIA VIA VIA VI	Order no.	342-2IA71
Note - Features Desponsition of which a LDDs Desponsition of which a	Туре	CP 342S IBS, dual INTERBUS master SPEED-Bus
Features Particles Particl	General information	
SPEED-Bus personal service (S.R.M.45) Diagnostic via LEDs Diagnost	Note	
Current consumption/power loss Current consumption from backplane bus 1 A Power loss 4.5 W Status information, alarms, diagnostics Status display yes Interrupts no Process alarm no Diagnostic interrupt no Diagnostic interrupt no Diagnostic interrupt no Supply voltage display yes Group error display yes Chancel error display yes Chancel error display yes Type of interfaces X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPI (MPIRS232) - Point-to-point interface - 6V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply x3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes <td>Features</td> <td>SPEED-Bus 2x RS422 Diagnostic via LEDs Diagnostic device (2x RJ45) Dual Port Master</td>	Features	SPEED-Bus 2x RS422 Diagnostic via LEDs Diagnostic device (2x RJ45) Dual Port Master
Current consumption from backplane bus 1.A Power loss 4.5 W Status Information, alarms, diagnostics Status display yes Interrupts no Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostic information read-out none Supply voltage display yes Group error display yes Channel error display none Functionality Sub-D interfaces Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPI (MPI/RS232) - Point-to-point interface - 5V DC Power supply xa Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes Type of interface RS422 Connector Sub-D, 9-pin, female Electrically	SPEED-Bus	yes
Power loss	Current consumption/power loss	
Status Information, alarms, diagnostics 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 yes Channel error display none Functionality Sub-D interfaces X2 Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPI(MPI/RS232) - Point-to-point interface - V DC Power supply ax 24V DC Power supply X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPI - MPI - MPI - MPI - <	Current consumption from backplane bus	1 A
Status display yes Interrupts no Process alarm no Diagnostic interrupt no Diagnostic information read-out none Supply voltage display yes Group error display yes Channel error display none Functionality Sub-D Interfaces Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2 (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MP1 - MP2 - MP3 (MPI/RS232) - Point-to-point interface - 5V DC Power supply - MP4 (MPI/RS232) -	Power loss	4.5 W
Interrupts no no Process alarm no Diagnostic interrupt no Diagnostic functions none Supply voltage display yes Croup error display yes Channel error display none Functionality Sub-D interfaces Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI	Status information, alarms, diagnostics	
Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostic functions none Supply voltage display yes Group error display yes Channel error display none Functionality Sub-D interfaces Type 1 X2 Connector Sub-D, 9-pin, female Electrically isolated yes Functionality Sub-D interface : MP2I (MP/IRS232) - Point-to-point interface : Type 0 X3 Type 0 X2 Type 0 X3 Type 0 X3 Type 0 X3 Type 0 X4 Type 0 X	Status display	yes
Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out none Supply voltage display yes Group error display yes Channel error display none Functionality Sub-D interfaces Type Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPI (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Interrupts	no
Diagnostic functions no Diagnostics information read-out none Supply voltage display yes Group error display none Functionality Sub-D interfaces Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply X3 Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2 (MPI/RS232) - Point-to-point interface - Sub-D, 9-pin, female - Electrically isolated yes MP1 - MP2 - MP3 - MP4 - MP5	Process alarm	no
Diagnostics information read-out none Supply voltage display yes Group error display yes Channel error display none Functionality Sub-D interfaces Type X2 Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI MPAI (MPI/RS 232) Type X3 Type X3 Type X3 Type MS X2 Fornector Sub-D, 9-pin, female Electrically isolated yes MRI Type max. 90mA isolated and max. 90mA non-isolated MPI Sub-D, 9-pin, female Electrically isolated MPI MP	Diagnostic interrupt	no
Supply voltage display yes Group error display yes Channel error display none Functionality Sub-D interfaces Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI	Diagnostic functions	no
Group error display yes Channel error display none Functionality Sub-D interfaces Type X2 Type interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI	Diagnostics information read-out	none
Channel error display none Functionality Sub-D interfaces X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP4I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Supply voltage display	yes
Functionality Sub-D interfaces Type X2 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPal (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2 (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Group error display	yes
Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MPI (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2 (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Channel error display	none
Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Functionality Sub-D interfaces	
Connector Sub-D, 9-pin, female Electrically isolated yes MPI MP ² I (MPI/RS232) Point-to-point interface 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI MP ² I (MPI/RS232) Point-to-point interface 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Туре	X2
Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Type of interface	RS422
MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Connector	Sub-D, 9-pin, female
MP2I (MPI/RS232) Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated MPI - MP2I (MPI/RS232) Point-to-point interface - 5V DC Power supply - max. 90mA isolated and max. 90mA non-isolated	Electrically isolated	yes
Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated 24V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP2I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	MPI	-
5V DC Power supply - Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	MP²I (MPI/RS232)	-
24V DC Power supply Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Point-to-point interface	-
Type X3 Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	5V DC Power supply	max. 90mA isolated and max. 90mA non-isolated
Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	24V DC Power supply	-
Type of interface RS422 Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated		
Connector Sub-D, 9-pin, female Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Туре	X3
Electrically isolated yes MPI - MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Type of interface	RS422
MPI	Connector	Sub-D, 9-pin, female
MP²I (MPI/RS232) - Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	Electrically isolated	yes
Point-to-point interface - 5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	MPI	-
5V DC Power supply max. 90mA isolated and max. 90mA non-isolated	MP ² I (MPI/RS232)	<u> </u>
	Point-to-point interface	·
24V DC Power supply -		max. 90mA isolated and max. 90mA non-isolated
	24V DC Power supply	*

YASKAWA

Functionality RJ45 interfaces	
Туре	DIAG 1
Type of interface	-
Connector	RJ45
Electrically isolated	-
PG/OP channel	•
Number of connections, max.	
Productive connections	•
Fieldbus	-
Туре	DIAG 2
Type of interface	-
Connector	RJ45
Electrically isolated	-
PG/OP channel	-
Number of connections, max.	-
Productive connections	-
Fieldbus	-
Housing	
Material	PPE
Mounting	DIN rail SPEED-Bus
Mechanical data	
Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Net weight	260 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	
KC certification	-