CAN-RS232 Interface-Converter

24 V extension module

CAN-RS232 Interface-Converter

If you have occupied all serial interfaces, you can rely on the CAN-RS232 interface converter. It is a 24 V extension module for any desktop or industrial PC that provides another four RS232 channels according to CANopen with D-Sub9 plugs.

Key Features

RS 232	**Up to 4× RS232 interface with D-Sub9**
CAN	**CAN interface acc. to ISO 11898 with 3-pole phoenix clamp**
CANopen	**Complies with the CANopen specification according to CiA**
⚡	**24 V DC supply with 3-pole phoenix clamp**
	Baud rate and module address configurable via HEX-switch
✓	**Status LED-display for module status, CAN and each RS232 channel with Rx- and Tx-display**

Housing

The compact aluminium housing is made for being in a control cabinet. It contains a top hat rail mount and a front cover with all interfaces for better overview in the control cabinet. The technician will note the convenience while working at the bus cabling.

Signal processing

Besides its inputs and outputs the Interface Converter offers a powerful microcontroller that handles data acquisition of sensors, control of actors and the processing of any CAN data.

CAN interface

The integrated CAN interface is designed in accordance to DS 301 and DS401 for a flexible use in different places and tasks in the CAN bus network. All Sontheim CAN interfaces comply to ISO 11898.

Technical Data

CPU	16-bit microcontroller
CAN	1× CAN acc. to ISO 11898, galvanically isolated, assignment acc. to DIN 41652
COM interface	Connection via D-Sub9 plug
RS232 interface	Connection via D-Sub9 socket
Dimensions (l×w×h)	187 mm × 120 mm × 60 mm
Housing	Aluminium housing, Protection class IP20
Supply voltage	24 V DC via 3-pole phoenix clamp
Mounting rail	TS35
Operating temperature	0 °C up to +70 °C
Rel. Humidity	10 % up to 90 % non-condensing

Pin assignment

RS232

1	–
2	RxD
3	TxD
4	–
5	GND
6	–
7	–
8	–
9	–

CAN

1	CAN H (high)
2	CAN L (low)
3	CAN GND

HEX-Switch baud rate (in Kbit/s)

0	10
1	25
2	50
3	125
4	250
5	500
6	1000

Order information

V930882000	CAN-RS232 Interface-Converter

Mobile Automation

Industrial Automation

Diagnostics

Connectivity

We are looking forward to your enquiry!

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