

## CANopen-Slave PSS CANopen, PSS1 CANopen



Standard communications card for connecting to CANopen.

### Features

- Selectable bus address
- Up to 1 MBit/s
- Diagnostic display
- Galvanic isolation between CANopen and PSS
- Software updates can be loaded
- Conformity declaration from CANopen in progress

### Description

The PSS(1) CANopen communications card for the PSS 3000 and PSS 3100 can be connected to CANopen as a passive subscriber. It is connected via a specific CANopen 9-pin D-Sub pin connector and should be placed in a standard slot on the PSS module rack. An RS 232 interface is available and is used as the configuration interface. Software upgrades can be loaded into the module's Flash-EPROM using this interface. The PSS(1) CANopen is operated in conjunction with pre-prepared standard function blocks.

Technical Details	PSS CANopen	PSS1 CANopen
Function	CANopen-module in accordance with CiA DS 301 V3.0 und CiA DS 102 V2.0 (Conformity declaration in progress)	
Application range	Non-safety-related applications	
<b>Electrical Data</b>		
Power consumption	Average 380 mA	Average 380 mA
Interfaces (galvanically isolated)	CANopen	CANopen
	RS232	RS232
Bus interface	9-pin D-Sub pin connector	
Configuration interface	9-pin D-Sub socket connector	
<b>CANopen</b>		
Unit type	Slave	Slave
Status display	LED	LED
Baud rate	6, 10, 12,5, 20, 33, 50, 66, 100, 125, 333, 500, 666, 1000 kBit/s	
	Selectable using a rotary switch	
Station address	Selectable using a rotary switch	
	Valid in range from 1 ... 7F hex	
Maximum data length	512 words	512 words
Input data	256 words	256 words
Output data	256 words	256 words
Termination resistors	Selectable	selectable
Communication structure	Using a standard function block	
<b>Mechanical Data</b>		
Space requirement	1 slot	1 slot
Weight	1000 g	600 g
<b>Environmental Data</b>		
Protection type (EN 60529, 10/91)	IP 20, installed on module rack	
Ambient temperature (DIN IEC 68-2-14, 06/87)	0 ... +60 °C	0 ... +60 °C
Storage temperature (EN 60068-2-1/-2, 03/93)	-25 ... +70 °C	-25 ... +70 °C
Climatic suitability	IEC 68-2-30, IEC 68-2-14	
Condensation	Not permitted	
Vibration (EN 60068-2-6, 04/95)	Frequency range: 10 ... 100 Hz Amplitude: 0.1 mm, max. 5g	
<b>Order reference</b>		
System	PSS 3000	PSS 3100
Description	PSS CANopen	PSS1 CANopen
Order number	301 155	302 155
<b>Order reference for accessories</b>		
<b>Description</b>		
<b>Order no.</b>		
ST SB CANopen	301 266... <sup>1)</sup>	

<sup>1)</sup> **When ordering:** please state the type of licence you require after the order number (..B for basic licence, ..K for copy licence, ..G for general licence), e.g. 301 183B.