

DeviceNet-Slave PSS DN-S, PSS1 DN-S



PSS1 DN-S
not shown

Standard communications card for connecting to DeviceNet.

Features

- Selectable bus address
- Selectable baud rate
- Diagnostic display
- Galvanic isolation between DeviceNet, PSS and P9/P10
- Bus provides the supply to the bus interface
- Conformity declaration from Open DeviceNet Vendor Association (ODVA)

Description

The PSS(1) DN-S communications card for the PSS 3000, PSS 3100 can be connected to DeviceNet as a passive subscriber. It is connected via a specific DeviceNet 5-pin Combicon plug-in connector and should be placed in a standard slot on the PSS module rack.

The PSS(1) DN-S is operated in conjunction with pre-prepared standard function blocks.

Technical Details	PSS DN-S	PSS1 DN-S
Function	DeviceNet interface	
Application Range	Non-safety-related applications	
Electrical Data		
Power Consumption	Typ. 340 mA	Typ. 340 mA
Bus Interface	5-pin Combicon plug-in connector to DeviceNet specifications	
Unit Type	Slave	Slave
Baud Rates	125, 250, 500 kBit/s, selected via a rotary switch	
Station Address	Selected via rotary switches in the range of 0 ... 63 dec.	
Status Indicator	LED	LED
Data Length	0 ... 32 words, selectable	
Communications Structure	Using a standard function block	
Mechanical Data		
Space Requirement	1 slot	1 slot
Weight	1000 g	600 g
Environmental Data		
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	
Order references		
System	PSS 3000	PSS 3100
Description	PSS DN-S	PSS1 DN-S
Order no.	301 152	302 152

Order reference for accessories

Description	Order no.
ST-SB-DN-S	301 262... ¹⁾

¹⁾ **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.