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ControlNet-Adapter

PSS ControlNet Adapter, PSS1 ControlNet Adapter



Standard communications card for connecting to ControlNet.

Features

- Redundant bus
- Selectable bus address
- Diagnostic display
- Galvanic isolation between ControlNet and PSS
- Bus interface supplied from bus
- Conformity declaration from ControlNet International in progress

Description

The PSS(1) ControlNet Adapter communications card for the PSS 3000 and PSS 3100 can be connected to ControlNet as an Adapter Class Product. It is connected via a specific ControlNet BNC connector and should be placed in a standard slot in the PSS module rack.
The PSS(1) ControlNet Adapter is operated in conjunction with pre-prepared standard function blocks.

Technical Details	PSS ControlNet Adapter	PSS1 ControlNet Adapter
Function	ControlNet-module in accordance with ControlNet International (Conformity declaration in progress)	
Application range	Non-safety-related applications	
Electrical Data		
Power consumption	Average 800 mA	Average 800 mA
Interface	BNC connector according to ControlNet specification	
Unit type	Adapter	Adapter
Baud rate	5 MBit/s	5 MBit/s
Station address	Selectable using a rotary switch Valid in range from 0 ... 99 dec	
Status display	LED	LED
Data length	Scheduled messages 0 ... 128 words Unscheduled messages 32 words	
Communication 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 in 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 ContolNet Adapter	PSS1 Control Adapter
Order no.	301 156	302 156

Order reference for accessories	
Description	**Order no.**
ST-SB-ControlNet	301 268...[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.

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