Saia-Burgess Controls AG

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www.saia-pcd.com – www.sbc-support.com

PCD3.R600 Quick start information

PCD3.R600 is an I/O module aimed to carry a Secure Digital (SD) card having a capacity of at least 256 MB **(to be ordered separately)** and is designed for **PCD3.Mxxxx** CPUs in I/O slots 0 to 3.
Access to SD card can be done through IL functions (CSF) or through integrated FTP or HTTP functions.
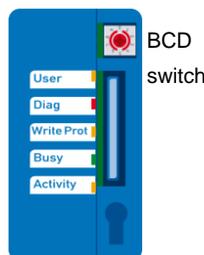➔ **To use a PCD3.R600 minimal Firmware V1.10.16 or higher is recommended**

Hardware versions:	D and higher	Up to 4 PCD3.R600 module can be placed on the slots 0 to 3
	C	Only **one** PCD3.R600 per CPU can be used

Flash card is plugged in a « push-push » socket hidden behind the label bracket and can be replaced live (without powering PCD3 off). To avoid data lost, wait until Busy LED is lighting off when doing this!

PCD3.R600   SD-Flash card

BCD switch

Front view

How to install a SD flash card:
Remove the label bracket and plug your card in the socket.
Place the bracket again to maintain the card.
Normal functions do not work without the label bracket mounted.

SD card selection:
The correct functionality of the SBC SD flash card modules (R600 or R6000) can only be guaranteed with SD cards provided and formatted by Saia Burgess Controls (PCD7.R-SDxxx).
Note:
If no SBC file system exists on the SD card, all existing data on the card may be erased the first time the SD card is plugged in a SBC SD flash module. For proper use of file system first format the SD flash card by turning BCD switch to position 5.

SBC does only provide support to SD flash cards PCD7.R-xxxx.

Function summary:
BCD switch need a size 0 screwdriver to change position

	Plug in PCD3.Mxxxx Slot #0..3 Card is in a push-push socket behind the label bracket. **Attention: Do not eject card when BUSY led is on.**	
R 6 0 0	Pos. 0 **normalRead/Write****	Pos. 5 **format card*/****
	Pos. 1 do not use	Pos. 6 do not use
	Pos. 2 do not use	Pos. 7 do not use
	Pos. 3 do not use	Pos. 8 do not use
	Pos. 4 do not use	Pos. 9 **normal Read only**
	* After insertion then removal and insertion again. ** If card is not write protected. Cards below 128 MB are not supported	

Access SD flash card

To access (read or write) data stored on the SBC file system of the SD flash card trough a SD card reader on a PC the tool *SBC flash card explorer* is needed. A copy of this tool can be found on the root folder of SBC SD flash card, on SBC Support site or with Saia PG5 suite.
About 10% of card capacity is available for final user purposes.

Ordering information:

Désignation	Description
PCD3.R600	Basic module for SD flash memory cards, plug-in onto I/O slot 0…3 (SD card not included)
PCD7.R-SD256	SD flash memory card 256 MB
PCD7.R-SD512	SD flash memory card 512 MB
PCD7.R-SD1024	SD flash memory card 1024 MB
4 310 8723 0	Replacement Clips (Bracket) with Labels (10 pc set)
4 310 8719 0	Replacement Labels for clips

Further information: http://www.sbc-support.com

PCD3.R600 Quick start information

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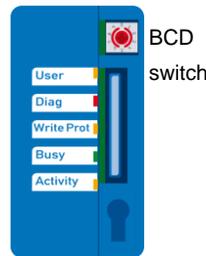➔ **To use a PCD3.R600 minimal Firmware V1.10.16 or higher is recommended**

Hardware versions:	D and higher	Up to 4 PCD3.R600 module can be placed on the slots 0 to 3
	C	Only **one** PCD3.R600 per CPU can be used

Flash card is plugged in a « push-push » socket hidden behind the label bracket and can be replaced live (without powering PCD3 off). To avoid data lost, wait until Busy LED is lighting off when doing this!

PCD3.R600   SD-Flash card   Front view

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BCD switch need a size 0 screwdriver to change position

R 6 0 0	**Plug in PCD3.Mxxxx Slot #0..3** Card is in a push-push socket behind the label bracket. **Attention: Do not eject card when BUSY led is on.**	
	Pos. 0 **normalRead/Write****	Pos. 5 **format card*/****
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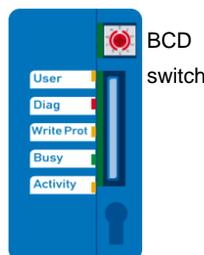➔ **To use a PCD3.R600 minimal Firmware V1.10.16 or higher is recommended**

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PCD3.R600   SD-Flash card

Front view

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Function summary:
BCD switch need a size 0 screwdriver to change position

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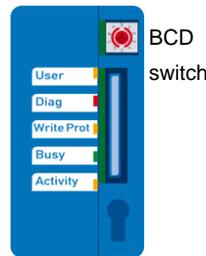
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