

!!! CAUTION !!!

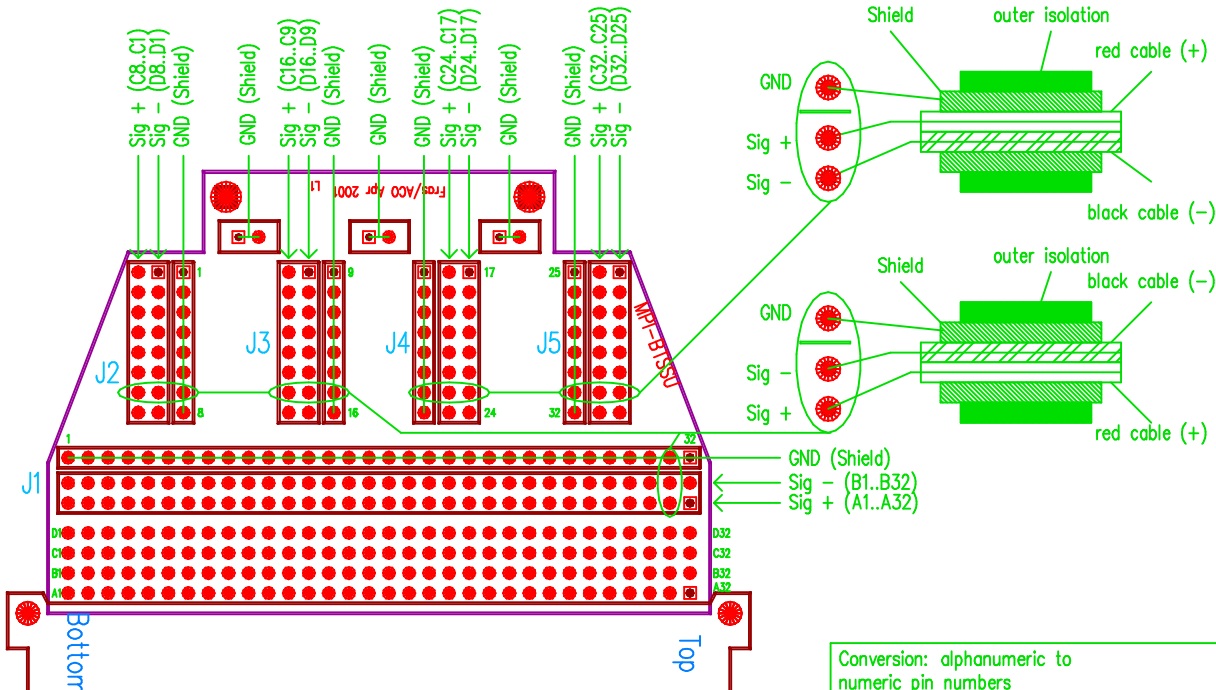
There was a wrong drawing of this connector until October 2003, where "+" and "-" was swapped! Please make shure that nobody uses this document any more!

Explanation of the error in the old document:

The polarity of the signals is NOT what one would expect when looking at the driver of the BTSN. There the inverted output (VOUTB) carries the positive signal and the non-inverting output (VOUT) the negative one. This is because an inverting amplifier was added before the differential output driver on BTSN V2.0.

WARNING: The alphanumeric pin numbers are the logical numbers and identical to the signals of the BTSN connector. They are reverse to the physical connector on the adapter board. E.g. pin A1 of the BTSN goes into pins A32 of the "physical" connector, which again goes into to square marked logical pin A1 of the adapter PCB. (and A1->A32, A2->A31, B3->B30 etc.)

View from TOP side, i.e. you can see all connectors/cables and the string "Fras/ACS Apr 2001"

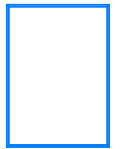


Conversion: alphanumeric to numeric pin numbers

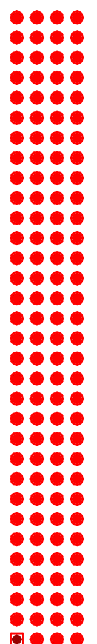
A1 -> 1	B1 -> 33	C1 -> 65	D1 -> 97
A2 -> 2	B2 -> 34	C2 -> 66	D2 -> 98
A3 -> 3	B3 -> 35	C3 -> 67	D3 -> 99
:	:	:	:
A30 -> 30	B30 -> 62	C30 -> 94	D30 -> 126
A31 -> 31	B31 -> 63	C31 -> 95	D31 -> 127
A32 -> 32	B32 -> 64	C32 -> 96	D32 -> 128

BTSN-V2
front panel

Burndy-Plug



+-+--
ABCD



ABCD
+-+--

Titel: JetTrigger BTSSU connector		 MPI für Physik München
Info: Cable assignment for BTSSU, which connects BTSN to ASC.		
File: cable_BTSSU2ASC.dwg	Dated: 15 Oct. 2003	Class: Detail
Drawn: Markus Fras, EE	Version: 1.0	Sheet: 1 / 1