

## TECHNICAL DATA

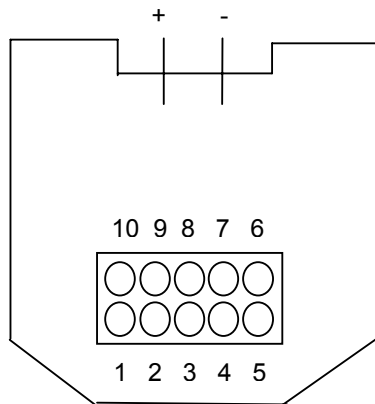
### **Bus Transceiver Module PCB**

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#### **Features**

The BTM PCB (Bus Transceiver Module Printed Circuit Board) provides the BTI (Bus Transceiver Interface) which connects to the communication interface of the TPUART IC. The BTM PCB is directly connected to the bus.

#### **Pin-Out**



#### **Electrical Characteristics**

Bus Interface Characteristics:

Characteristics	Symbol	Min	Max	Typical	Unit	Remarks
KNX bus	+ / -	21	30		V	

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BTI Characteristics:

Pin number	Characteristics	Symbol	Min	Typ	Max	Unit	Remarks
1	Ground	GND					
2	Serial Interface Rx	RxD					Connected to TPUART RxD
3	Not connected						
4	Serial Interface Tx	TxD					Connected to TPUART TxD
5	Supply Output Voltage +5V	VCC	4.75		5.25	V	Load $\leq$ 10mA
6	Not connected						
7		SAVE					Connected to TPUART SAVE
8	Not used						
9		RESET					Connected to TPUART RESn
10	Not connected						

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### References

- SIEMENS Technical Data TPUART-IC, available from [www.siemens.com/gamma](http://www.siemens.com/gamma) (Support / Technical Documentation / Information for Developers)