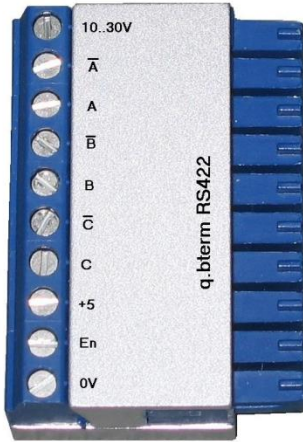




Q.Tip: Description of Q.series Special Terminal Blocks

Q.bloxx-TERM RS422:



This terminal is a level converter from RS422 to TTL module for the Q.bloxx D101. The Q.bloxx D101 needs a HW version of at least 2.2.

Configuration: The terminal's 4 inputs are always used. When the channel is configured as "frequency 2-wire", input 3 and input 4 can no longer be used.

Infos		Variable Settings		Module Settings		Connection		Terminals	Format/Adjustment	Range/Error	Additional	DP Real Cfg
Type	Variable Name	Sensor	Type of									
V1	DI	Variable 1	Counter Quadrature 4 Wire			Terminal 1	A	DI	Connector 1 f.tff.ff			93h
						Terminal 2	B	DI	6 (DI1)			
						Terminal 3	Index	DI	7 (DI2)			
						Terminal 4	IndexEn	DI	8 (DI3)			
								DI	9 (DI4)			

Q.bloxx-TERM Schmitt Trigger 100mV:



This terminal is a level converter for inductive sensors to TTL for the Q.bloxx D101 module.

The switching threshold is approximately 120mV at 100kHz.

The threshold increases linearly up to 500kHz, where the threshold is 1.5V.

The Q.bloxx D101 needs a HW version of at least 2.2.

This terminal can also be used with the Q.bloxx A109, however, the 5V power supply for the terminal must be removed. Only works with HW version 5.2.

Q.bloxx-TERM Schmitt Trigger Prog:

This terminal has a Schmitt trigger input with externally programmable thresholds for the Q.bloxx D101.

The Q.bloxx D101 must be set to TTL switching threshold.

The actual switching threshold is 0.5 to 5V with two external potentiometers (adjustable, 1k to 10k).

