



KL6301 | EIB Bus Terminal

The KL6301 EIB Bus Terminal is integrated in an EIB network and can receive/transmit data from/to other EIB devices. Due to the integration in the Bus Terminal system, EIB components can also be integrated in higher-level bus systems such as Ethernet. The Bus Terminal is commissioned or configured via TwinCAT function blocks. Status LEDs directly indicate the bus status. The EIB terminal operates independent of the bus system used. Several KL6301 can be used with a single Bus Coupler or a Bus Terminal Controller. Up to 256 group addresses can be received; sending is only limited by the application.

Technical data	KL6301 KS6301
Data transfer channels	1
Data transfer standard	twisted pair (TP)
Data transfer rates	9,600 baud
Bus access	CSMA/CA
Current consumption K-bus	approx. 55 mA
Short-circuit-proof	yes
Electrical isolation	500 V _{rms} (K-bus/EIB)
Bit width in the process image	input/output: 24 bytes
Configuration	TwinCAT (function blocks)
Input voltage	24 V DC (-15 %/+20 %)
Weight	approx. 80 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27/29
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Pluggable wiring	for all KSxxxx Bus Terminals
Further information	www.beckhoff.com/KL6301