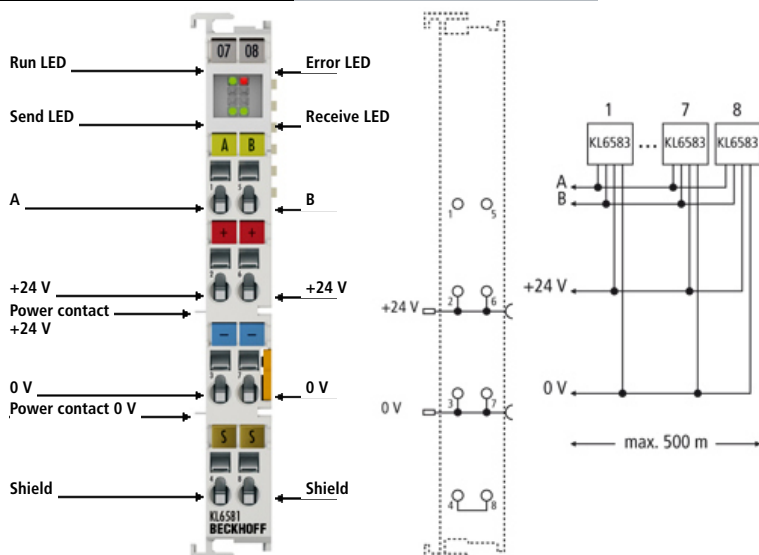




KL6581 | EnOcean master terminal



The bidirectional EnOcean technology receives signals from battery-less sensors or transmits data to actuators. With a radio signal range of 30 m, the wiring of buildings can be simplified significantly. The KL6581 EnOcean master terminal is the link between the KL6583 EnOcean transmitter and receiver modules and the application. Up to eight KL6583 EnOcean transmitters and receivers can be connected to a KL6581 EnOcean master terminal. The KL6583 modules are connected to the KL6581 via two wires for the power supply and two wires for the data bus that transmits the EnOcean telegrams. The maximum total length of the data bus is 500 m.

Technical data	KL6581
Technology	EnOcean
Number of channels	1
Connection	2 x 2-wires directly at the KL6583 EnOcean module (connection of max. 8 KL6583)
Data transfer standard	–
Data transfer rates	125 kbaud
Cable length	max. 500 m
Power supply	via the K-bus
Connecting cable	up to 500 m
Current consumption K-bus	typ. 60 mA
Current consumption power contacts	typ. 20 mA + load
Configuration	not required
Nominal voltage	24 V DC (-15 %/+20 %)
Special features	up to 8 KL6583 EnOcean transmitter and receiver modules
Weight	approx. 85 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Protect. class/installation pos.	IP 20/variable
Approvals/markings	CE, UL

Further EnOcean products	
KL6583	EnOcean transmitter and receiver

Accessories	
TwinCAT PLC EnOcean	The library is installed free of charge together with TwinCAT from V2.11 Build 2229 (R3 and x64 engineering).

System	
EnOcean	For further EnOcean products please see the system overview .