

# BECKHOFF

## Ordering information

### Bus Coupler

<a href="#">BK3120</a>	PROFIBUS "Economy plus" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension), 12 Mbaud
<a href="#">BK3150</a>	PROFIBUS "Compact" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension), 12 Mbaud
<a href="#">BK5110</a>	CANopen Coupler for up to 64 digital Bus Terminals
<a href="#">BK5120</a>	CANopen "Economy plus" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BK5150</a>	CANopen "Compact" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BK5151</a>	CANopen "Compact" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BK5220</a>	DeviceNet "Economy plus" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BK5250</a>	DeviceNet "Compact" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BK7350</a>	Modbus "Compact" Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BK9000</a>	Ethernet TCP/IP Bus Coupler for up to 64 Bus Terminals
<a href="#">BK9100</a>	Ethernet TCP/IP Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension), with integrated 2-channel switch
<a href="#">BK9103</a>	PROFINET Bus Coupler for up to 64 Bus Terminals (with integrated 2-channel switch)
<a href="#">BK9105</a>	EtherNet/IP Bus Coupler for up to 64 Bus Terminals (255 with K-bus extension)

### Bus Terminal Controller

<a href="#">BC3150</a>	PROFIBUS "Compact" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension), 12 Mbaud
<a href="#">BX3100</a>	PROFIBUS Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension), 12 Mbaud
<a href="#">BC5150</a>	CANopen "Compact" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BX5100</a>	CANopen Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BC5250</a>	DeviceNet "Compact" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BX5200</a>	DeviceNet Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BC8050</a>	RS485 "Compact" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)

<a href="#">BC8150</a>	RS232 "Compact" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BX8000</a>	RS232/RS485 Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BC9000</a>	Ethernet Bus Terminal Controller for up to 64 Bus Terminals
<a href="#">BC9020</a>	Ethernet TCP/IP "Economy plus" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension)
<a href="#">BC9100</a>	Ethernet TCP/IP Bus Terminal Controller for up to 64 Bus Terminals (with integrated 2-channel switch)
<a href="#">BC9120</a>	Ethernet TCP/IP "Economy plus" Bus Terminal Controller for up to 64 Bus Terminals (255 with K-bus extension, with integrated 2-channel switch)

### Digital input

<a href="#">KL1002</a>	2-channel digital input terminal 24 V DC, 3.0 ms
<a href="#">KL1012</a>	2-channel digital input terminal 24 V DC, 0.2 ms
<a href="#">KL1104</a>	4-channel digital input terminal 24 V DC, 3.0 ms
<a href="#">KL1114</a>	4-channel digital input terminal 24 V DC, 0.2 ms
<a href="#">KL1382</a>	2-channel digital input terminal thermistor
<a href="#">KL1408</a>	8-channel digital input terminal 24 V DC, 3.0 ms
<a href="#">KL1418</a>	8-channel digital input terminal 24 V DC, 0.2 ms
<a href="#">KL1501</a>	Up/down counter 24 V DC, 100 kHz, 32 bit counter depth
<a href="#">KL1512</a>	Up/down counter 24 V DC, 1 kHz, 16 bit counter depth
<a href="#">KL1808</a>	8-channel digital input terminal 24 V DC, filter 3.0 ms, 2-wire system
<a href="#">KL1809</a>	16-channel digital input terminal 24 V DC, filter 3.0 ms, type 3
<a href="#">KL1819</a>	16-channel digital input terminal 24 V DC, filter 0.2 ms, type 3

### Digital output

<a href="#">KL2032</a>	2-channel digital output terminal 24 V DC
<a href="#">KL2134</a>	4-channel digital output terminal 24 V DC, 0.5 A, with reverse voltage protection
<a href="#">KL2404</a>	4-channel digital output terminal 24 V DC, 0.5 A
<a href="#">KL2408</a>	8-channel digital output terminal 24 V DC
<a href="#">KL2424</a>	4-channel digital output terminal 24 V DC, 2.0 A
<a href="#">KL2602</a>	2-channel relay output terminal 230 V AC, 2 A, make contact
<a href="#">KL2622</a>	2-channel relay output terminal 230 V AC, 2 A, potential-free make contact
<a href="#">KL2809</a>	16-channel digital output terminal 24 V DC, 0.5 A, 1-wire system
<a href="#">KL2828</a>	HD Bus Terminal, 8-channel digital output 24 V DC, 2 A

### Analog input

<a href="#">KL3002</a>	2-channel analog input terminal -10...+10 V
<a href="#">KL3012</a>	2-channel analog input terminal 0...20 mA
<a href="#">KL3022</a>	2-channel analog input terminal 4...20 mA
<a href="#">KL3042</a>	2-channel loop-powered input terminal 0...20 mA
<a href="#">KL3052</a>	2-channel loop-powered input terminal 4...20 mA
<a href="#">KL3054</a>	4-channel analog input terminal 4...20 mA, 12 bit
<a href="#">KI 3064</a>	4-channel analog input terminal 0...10 V

<a href="#">KL3204</a>	4-channel input terminal PT100 (RTD)
<a href="#">KL3208-0010</a>	8-channel input terminal PT1000, Ni1000 (RTD); NTC sensors, potentiometers
<a href="#">KL3403</a>	3-phase power measurement terminal, max. 500 V AC 3~, max. 1 A, via measuring transformers x A/1A
<a href="#">KL3404</a>	4-channel analog input terminal -10...+10 V
<a href="#">KL3448</a>	8-channel analog input terminal 0...20 mA, 12 bit, 1-wire system
<a href="#">KL3454</a>	4-channel analog input terminal 4...20 mA
<a href="#">KL3464</a>	4-channel analog input terminal 0...10 V, 4 x 2-wire connection

#### Analog output

<a href="#">KL4001</a>	1-channel analog output terminal 0...10 V
<a href="#">KL4002</a>	2-channel analog output terminal 0...10 V
<a href="#">KL4012</a>	2-channel analog output terminal 0...20 mA
<a href="#">KL4022</a>	2-channel analog output terminal 4...20 mA
<a href="#">KL4032</a>	2-channel analog output terminal -10...+10 V
<a href="#">KL4414</a>	4-channel analog output terminal 0...20 mA, 12 bit, 4 x 2-wire system

#### Position measurement

<a href="#">KL5001</a>	SSI sensor interface
<a href="#">KL5101</a>	Incremental encoder interface, 16 bit
<a href="#">KL5151</a>	Incremental encoder interface, 32 bit
<a href="#">KL5152</a>	2-channel incremental encoder interface, 32 bit

#### Communication

<a href="#">KL6031</a>	serial interface RS232
<a href="#">KL6041</a>	serial interface RS422/RS485

#### System terminals

<a href="#">KL9010</a>	Bus end terminal
<a href="#">KL9080</a>	Isolation terminal
<a href="#">KL9100</a>	Passive potential supply terminal
<a href="#">KL9110</a>	Potential supply terminal with diagnostics
<a href="#">KL9184</a>	potential distribution terminal, 8 x 24 V DC, 8 x 0 V DC
<a href="#">KL9185</a>	Potential distribution terminal, 4 x 24 V DC, 4 x 0 V DC
<a href="#">KL9186</a>	Potential distribution terminal, 8 x 24 V DC
<a href="#">KL9187</a>	Potential distribution terminal, 8 x 0 V DC
<a href="#">KL9188</a>	potential distribution terminal, 16 x 24 V DC
<a href="#">KL9189</a>	potential distribution terminal, 16 x 0 V DC
<a href="#">KL9210</a>	Potential supply terminal with diagnostics and fuse
<a href="#">KL9400</a>	Power supply unit terminal for the K-bus
<a href="#">KL9540</a>	Surge filter field supply
<a href="#">KL9550</a>	Surge filter system and field supply