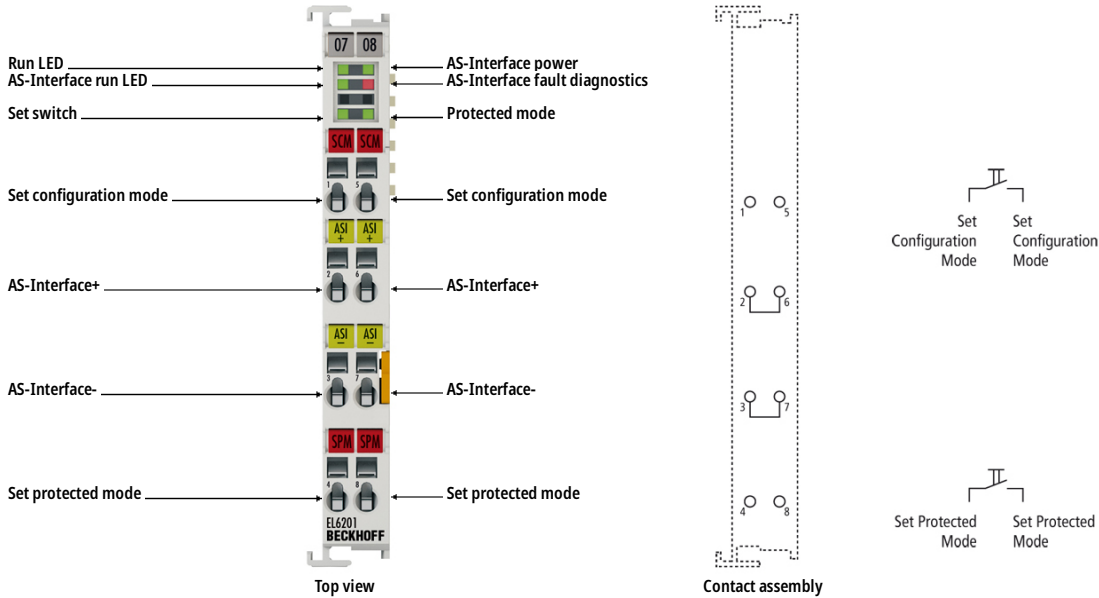


EL6201 | EtherCAT Terminal, 1-channel communication interface, ASi, master



i Product status: Regular delivery

The EL6201 AS-Interface master terminal enables the direct connection of AS-Interface slaves. The AS-Interface compliant interface supports digital and analog slaves, versions 3.0 (master profile M3; M4). The connected devices are supplied via the EL9520 AS-Interface potential feed terminal with integrated filter.

Product information

Technical data

Technical data	EL6201, ES6201
Technology	AS-Interface master terminal (M3, M4)
AS-Interface channels	1
Number of slaves	up to 31 for V 2.0, up to 62 for V 2.11, V 3.0
Specification version	AS-Interface V 2.0, V 2.11, V 3.0 (Rev. 4)
Slave types	standard: digital and analog, extended: type 1 (CTT1): S-7.3, S-7.4, type 2 (CTT2): S-7.5.5, S-7.A.5, S-B.A.5, type 3 (CTT3): S-7.A.7, S-7.A.A, type 4 (CTT4): S-7.A.8, S-7.A.9, type 5 (CTT5): S-6.0, safety at work: S-0.B, S-7.B
Diagnostics	power failure, slave failure, parameterization fault

AS-Interface address assignment	via configuration or automatic
Cycle time	max. 5 ms (at 31 or 62 slaves)
Connection	2 lines via spring force technology
Data transfer rates	167 kBit/s
Distributed clocks	–
Electrical isolation	500 V (AS-Interface/E-bus)
Power contacts	no
Current consumption power contacts	–
Current consumption	120 mA (E-bus), typ. 40 mA, max. 60 mA (AS-Interface)
Weight	approx. 55 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
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. rating/installation pos.	IP20/variable
Pluggable wiring	for all ESxxx terminals
Approvals/markings	CE
AS-Interface certificate	yes, ZU-No. 97701

Housing data	EL-12-8pin	ES-12-8pin
Design form	compact terminal housing with signal LEDs	terminal housing with pluggable wiring level
Material	polycarbonate	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	
Installation	on 35 mm DIN rail, conforming to EN 60715 with lock	
Side by side mounting by means of	double slot and key connection	
Marking	labeling of the BZxxx series	
Wiring	solid conductor (e), flexible conductor (f) and ferrule (a): spring actuation by screwdriver	
Connection cross-section	s*: 0.08...2.5 mm ² , st*: 0.08...2.5 mm ² , f*: 0.14...1.5 mm ²	s*: 0.08...1.5 mm ² , st*: 0.08...1.5 mm ² , f*: 0.14...1.5 mm ²
Connection cross-section AWG	s*: AWG 28...14, st*: AWG 28...14, f*: AWG 26...16	s*: AWG 28...16, st*: AWG 28...16, f*: AWG 26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I _{max} : 10 A	

*s: solid wire; st: stranded wire; f: with ferrule

Ordering information

Ordering information	
EL6201	EtherCAT Terminal, 1-channel communication interface, ASi, master
ES6201	EtherCAT Terminal, 1-channel communication interface, ASi, master, pluggable wiring
