

BECKHOFF  
EL6201

# EL6201 AS-Interface master terminal supports specification 3.0

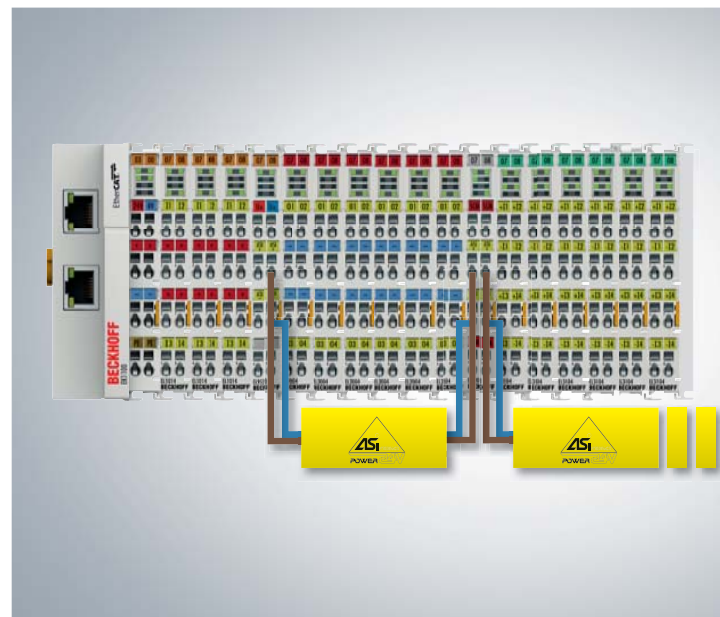
The EL6201 AS-Interface master terminal enables direct connection of AS-Interface slaves and facilitates the interfacing of sensors and actuators from the lower field level to the higher control level via EtherCAT. The AS-Interface-compliant interface supports digital and analog slaves according to the current AS-i specification 3.0.

The EL6201 EtherCAT Terminal is an AS-Interface master in a compact, 12 mm wide terminal housing, which seamlessly integrates into the EtherCAT system. In this way AS-Interface slaves can be operated in a terminal network with a wide range of signal types, and topologies with further subordinate fieldbuses can be implemented. The EL6201 is certified by the AS-International Association.

The configuration interface integrated in the TwinCAT System Manager enables convenient manual or automatic addressing of the integrated AS-Interface slaves. The AS-i system overview shows the addressed slaves and the project planning status. Thanks to the extended addressing mode of the 3.0 specification, up to 62 slaves can be included in an AS-i network. Extensive diagnostics options, including the display of parameterization errors, for example, minimize the likelihood of errors during the project planning stage. During operation the diagnostics system facilitates troubleshooting in the event of a voltage or slave failure, for example. The configuration is stored in the AS-Interface master terminal, so that AS-Interface slaves can be exchanged quickly.

The connected devices can be supplied from the existing 24 V DC power supply unit via the EL9520 AS-Interface potential feed terminal with integrated filter.

An additional 30 V DC AS-Interface power supply unit is no longer required. The only restriction is that the topology is reduced from 100 m to 50 m. The reduction of the rated voltage to 24 V has been specified by the AS-International Association as AS-Interface Power 24. The fact that no special AS-i power supply units are required makes the system configuration more economical, particularly for smaller topologies.



The EL6201 AS-Interface master terminal can be integrated directly into the EtherCAT Terminal system. The master terminals act as gateways to all common fieldbus systems: EtherCAT, PROFIBUS, PROFINET, Ethernet, etc.

In conjunction with the EL9520 AS-Interface potential feed terminal, the EL6201 AS-Interface master terminal and the connected slaves can be supplied from the existing 24 V DC power supply unit. A special AS-Interface power supply unit is no longer required. This technology has been specified by the AS-International Association as AS-Interface Power 24.

Further Information:

[www.beckhoff.com/EL6201](http://www.beckhoff.com/EL6201)

[www.beckhoff.com/EL9520](http://www.beckhoff.com/EL9520)

[www.beckhoff.com/AS-Interface](http://www.beckhoff.com/AS-Interface)