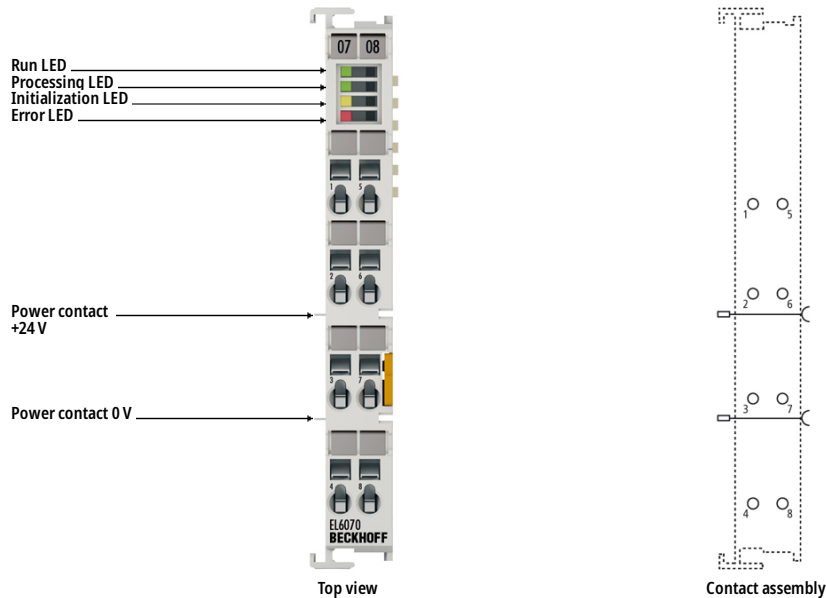


# EL6070 | EtherCAT Terminal, license key for TwinCAT 3.1



**i** **Product status:** Regular delivery

TwinCAT 3.1 offers an option to manage TwinCAT software licenses via the EtherCAT Terminal EL6070. The EL6070 embodies the hardware license key in the modular EtherCAT I/O system. Data transfer takes place via EtherCAT.

The EL6070 license key terminal is equipped with a local data memory for saving TwinCAT 3.1 license files. It is accessed via TwinCAT 3.1. The functionally equivalent C9900-L100 license key USB stick also features this data memory.

Both the EtherCAT terminal and the USB stick are available with factory pre-installed licenses: EL6070-0033, C9900-L100-0033.

Note that the EL6070 and EL6070-0033 are two different devices in terms of EtherCAT and are therefore not interchangeable in the EtherCAT I/O configuration.

## Product information

### Technical data

Technical data	EL6070
Technology	EtherCAT license key terminal
Distributed clocks	–
Current consumption power contacts	–
Current consumption E-bus	typ. 120 mA
Special features	transmission of license information via EtherCAT
Weight	approx. 50 g

Operating/storage temperature	-25...+60 °C/-40...+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
Approvals/markings	CE, UL, ATEX, IECEx, cFMus
Ex marking	ATEX: II 3 G Ex nA IIC T4 Gc IECEx: Ex nA IIC T4 Gc Ex tc IIIC T135 °C Dc cFMus: Class I, Division 2, Groups A, B, C, D Class I, Zone 2, AEx ec IIC T4 Gc

<b>Housing data</b>	<b>EL-12-8pin</b>
Design form	compact terminal housing with signal LEDs
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 <sup>2</sup> , st*: 0.08...2.5 mm <sup>2</sup> , f*: 0.14...1.5 mm <sup>2</sup>
Connection cross-section AWG	s*: AWG 28...14, st*: AWG 28...14, f*: AWG 26...16
Stripping length	8...9 mm
Current load power contacts	I <sub>max</sub> : 10 A

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

## Ordering information

<b>Ordering information</b>	
EL6070	EtherCAT Terminal, license key for TwinCAT 3.1
EL6070-0033	EtherCAT Terminal, license key for TwinCAT 3.1, factory-installed licenses