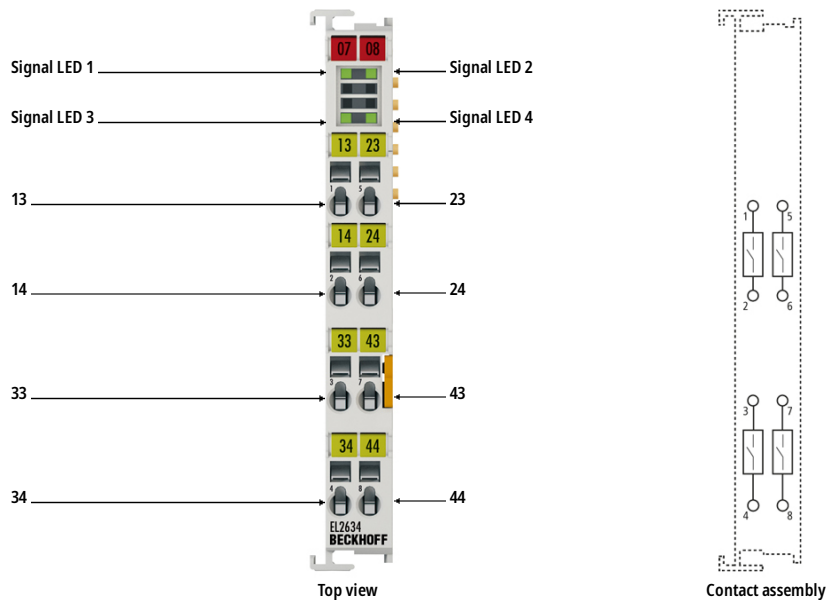




EL2634 | EtherCAT Terminal, 4-channel relay output, 250 V AC, 30 V DC, 4 A



i Product status: Regular delivery

The EL2634 output terminal has four relays, each with a single contact. The relay contact can be used up to 250 V AC or 30 V DC. The signal state of the EtherCAT Terminal is indicated by light emitting diodes. The EL2634 features potential-free contacts.

Special features:

- Relay output
- 4 x make contact
- Connection of ohmic and inductive loads
- potential-free
- no power contacts

Product information

Technical Data

Technical data	EL2634, ES2634
Connection technology	relay output
Number of outputs	4 x make contacts
Nominal voltage	250 V AC/30 V DC
Load type	ohmic, inductive
Distributed clocks	–

Ohmic switching current	4 A AC/DC per channel
Inductive switching current	2 A AC/DC per channel
Minimum permitted load	0.1 mA at 0.1 V DC (at 120 operations/min.)
Lamp test, electronic ballast	–
Current consumption E-bus	80 mA
Electrical isolation	500 V (E-bus/field potential)
Current consumption power contacts	–
Bit width in the process image	4 outputs
Operating cycles mech. (min.)	2×10^7 (at 18×10^3 switching cycles per hour)
Operating cycles electr. (min.)	1×10^5 (3 A/30 V DC ohmic load)
Configuration	no address or configuration setting
Weight	approx. 70 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
Pluggable wiring	for all ESxxx terminals
Approvals/markings	CE, UL

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	
EL2634	EtherCAT Terminal, 4-channel relay output, 250 V AC, 30 V DC, 4 A
ES2634	EtherCAT Terminal, 4-channel relay output, 250 V AC, 30 V DC, 4 A, pluggable wiring
