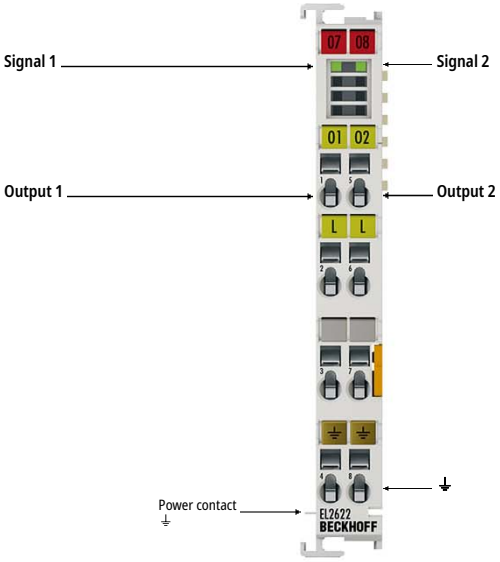
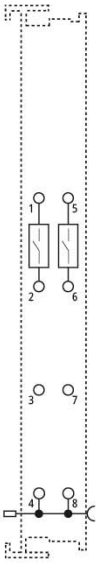
EL2622 | EtherCAT Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts

Image similar, may contain optional accessories





EL2622 | EtherCAT Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts

Product status: regular delivery

The EL2622 output terminal has two relays, each with a single contact. It is universally applicable for switching mains voltage consumers. The signal state of the EtherCAT Terminal is indicated by light emitting diodes. The EL2622 features potential-free contacts; the power contacts are not passed through.

Special features:

- relay output
- 2 x make contact
- suitable for resistive, inductive and lamp load
- potential-free
- no power contacts

Product information

Technical data

Technical data	EL2622
Connection technology	relay output
Number of outputs	2 x make contacts

Technical data	EL2622
Nominal voltage	230 V AC/30 V DC
Load type	resistive, inductive, lamp load
Distributed clocks	–
Resistive switching current	5 A AC/DC per channel
Minimum permitted load	10 mA at 5 V DC
Inductive switching current	2 A AC/DC per channel
Lamp test, electronic ballast	4 x 58 W
Current consumption E-bus	typ. 170 mA
Current consumption power contacts	–
Bit width in the process image	2 outputs
Operating cycles mech. (min.)	2×10^7
Operating cycles electr. (min.)	1×10^5 (5 A/30 V DC)
Configuration	no address or configuration setting
Electrical isolation	500 V (E-bus/field potential)
Special features	–
Weight	approx. 50 g
Operating temperature	-25…+55°C
Storage temperature	-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
Pluggable wiring level	for all ESxxxx 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	
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 BZxxxx series	
Wiring	solid conductor (s), flexible conductor (st) and ferrule (f): spring actuation by screwdriver	
Connection cross-section	s*: 0.08…2.5 mm², st*: 0.08…2.5 mm², f*: 0.14…1.5 mm²	s*: 0.08…1.5 mm², st*: 0.08…1.5 mm², f*: 0.14…1.5 mm²

Housing data	EL-12-8pin	ES-12-8pin
Connection cross-section AWG	s*: AWG28...14, st*: AWG28...14, f*: AWG26...16	s*: AWG28...16, st*: AWG28...16, f*: AWG26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I_{max}: 10 A	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	

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

Ordering information

Ordering information	
EL2622	EtherCAT Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts
ES2622	EtherCAT Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts, pluggable wiring level

Material Compliance

Material compliance	EL2622
REACH SVHC	no
POP	compliant
RoHS	compliant with exemption
RoHS exemption	7c-I: Lead-containing electrical and electronic components in glass and ceramic materials, excluding dielectric ceramics in capacitors
China-RoHS	www.beckhoff.com/china-rohs-io
CA Prop65	www.beckhoff.com/prop65
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