



## EL2602, EL2612, EL2622 | 2-channel relay output terminals

The EL2602, EL2612 and EL2622 output terminals have two relays each of which has a single contact. The relay contact is connected to the power contacts, which are suitable for use at up to 230 V AC, and can be generally used for switching devices requiring mains power. The EtherCAT Terminals indicate their signal state by means of light emitting diodes. The EL2612 and EL2622 have potential-free contacts. The power contacts are not looped through.

Technical data	EL2602   ES2602	EL2612   ES2612	EL2622   ES2622
Number of outputs	2 x make contacts for power contact	2 x change-over	2 x make contacts
Rated load voltage	230 V AC/30 V DC	125 V AC/30 V DC	230 V AC/30 V DC
Ohmic switching current	5 A AC/DC	0.5 A AC/2 A DC	5 A AC/DC
Inductive switching current	2 A AC/DC	no data	2 A AC/DC
Minimum permitted load	10 mA at 5 V DC	10 µA at 10 mV DC	10 mA at 5 V DC
Lamp test, electronic ballast	4 x 58 W	–	4 x 58 W
Current consumption E-bus	typ. 170 mA	typ. 150 mA	typ. 170 mA
Electrical isolation	500 V <sub>rms</sub> (E-bus/field potential)		
Bit width in the process image	2 outputs		
Operating cycles mech. (min.)	2 x 10 <sup>7</sup>	1 x 10 <sup>8</sup>	2 x 10 <sup>7</sup>
Operating cycles electr. (min.)	1 x 10 <sup>5</sup> (5 A/30 V DC)	2 x 10 <sup>5</sup> (1 A/30 V DC)	1 x 10 <sup>5</sup> (5 A/30 V DC)
Configuration	no address or configuration setting		
Weight	approx. 50 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 60068-2-27/29		
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4		
Protect. class/installation pos.	IP 20/variable		
Pluggable wiring	for all ESxxxx terminals		
Further information	www.beckhoff.com/EL2602		