



KL2602, KL2612, KL2622 | 2-channel relay output terminals

The KL2602 output terminal has 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 Bus Terminal indicates its signal state by means of a light emitting diode. The KL2612 and KL2622 Bus Terminals have potential-free contacts. The power contacts are not looped through.

Technical data	KL2602 KS2602	KL2612 KS2612	KL2622 KS2622
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	10 mA at 5 V DC
Lamp test, electronic ballast	4 x 58 W	–	4 x 58 W
Electrical isolation	500 V _{rms} (K-bus/field potential)		
Current consumption K-bus	80 mA	60 mA	85 mA
Bit width in the process image	2 outputs		
Operating cycles mech. (min.)	2 x 10 ⁷	1 x 10 ⁸	2 x 10 ⁷
Operating cycles electr. (min.)	1 x 10 ⁵ (5 A/30 V DC)	2 x 10 ⁵ (1 A/30 V DC)	1 x 10 ⁵ (5 A/30 V DC)
Configuration	no address or configuration setting		
Weight	approx. 85 g	approx. 80 g	approx. 80 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 KSxxxx Bus Terminals		
Further information	www.beckhoff.com/KL2602		