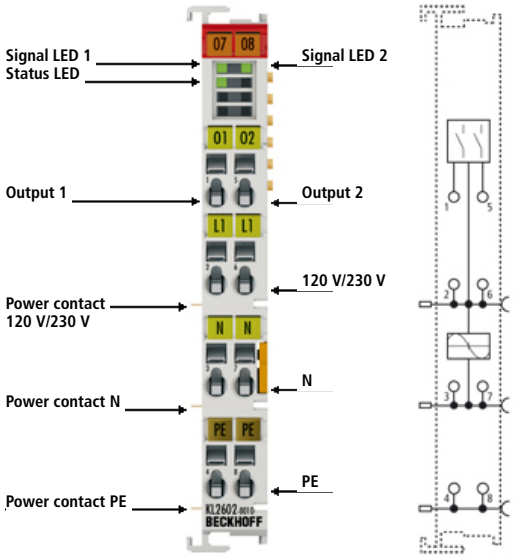

KL2602-0010 | 2-channel relay output terminal 230 V AC, 5 A, make contacts, contact-protecting switching of LED lamps

The KL2602-0010 output terminal has two relays each of which has a single contact. The relay terminal is designed for soft switching at the zero voltage crossing to protect the contacts and is particularly suitable for capacitive loads such as LED lamps. The Bus Terminal indicates its signal state by means of light emitting diodes.

Technical data	KL2602-0010 | KS2602-0010
Connection technology	relay output
Number of outputs	2 x make contacts for power contact
Nominal voltage	230 V AC/30 V DC
Load type	ohmic, inductive, capacitive
Switching current	5 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
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	load-dependent
Current consumption K-bus	typ. 80 mA
Bit width in the process image	2 outputs
Operating cycles mech. (min.)	2 x 10^7
Operating cycles electr. (min.)	8 x 10^4 (5 A/30 V DC or 5 A/250 V AC and ohmic load)
Configuration	no address or configuration setting
Special features	soft switching at zero voltage crossing significantly extends service life with AC voltage supply
Weight	approx. 85 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
Protect. class/installation pos.	IP 20/variable
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals/markings	CE, UL

Related products	
EL2602-0010	2-channel relay output terminal 230 V AC, 5 A, make contacts, contact-protecting switching of LED lamps
EL2622-0010	2-channel relay output terminal 230 V AC, 5 A, make contacts, no power contacts, contact-protecting switching of LED lamps
KL2622-0010	2-channel relay output terminal, 230 V AC, 5 A, make contacts, no power contacts, contact-protecting switching of LED lamps