



KL2602 | 2-channel relay output terminal

The KL2602 output terminal has two relays, each with a single contact, and can be used to switch devices requiring mains power and operating at up to 230 V AC. The relay contacts of the KL2602 are connected to the power contacts.

Technical data	KL2602 KS2602
Number of outputs	2 x make contacts for power contact
Nominal voltage	230 V AC/30 V DC
Load type	ohmic, inductive, lamp load
Max. output current	5 A per channel
Switching current	5 A AC/DC (ohmic)/2 A AC/DC (inductive)
Ohmic switching current	5 A AC/DC
Inductive switching current	2 A AC/DC
Minimum permitted load	10 mA at 5 V DC
Lamp test, electronic ballast	max. 5 A starting current (4 x 58 W)
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	only load
Current consumption K-bus	typ. 80 mA
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
Special features	power relay
Weight	approx. 85 g
Operating/storage temperature	-25...+60 °C/-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. class/installation pos.	IP 20/variable
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals	CE, UL, Ex, GL

Related products

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