



KL2641 | 1-channel relay output terminal 230 V AC, 16 A, manual operation, bistable

The KL2641 output terminal has a relay with a single contact which can be used universally for switching devices requiring mains power. The relay can optionally be switched in manual or automatic mode. The switch for the manual operation always indicates the switch status of the relay. The operating mode can be set via a manual/automatic switch, is displayed via an LED and transferred to the process image as a status bit. In manual mode, the coil control is interrupted and the relay is operated via the manual switch. The manual operation can also be used without 24 V supply for switching the actuator. In automatic mode, the relay is operated via the controller.

Technical data	KL2641
Number of outputs	1 x make contact
Nominal voltage	230 V AC (max. switching voltage 440 V AC)
Switching capacity max.	5 kVA
Switching voltage max.	440 V AC (UL: max. 230 V AC)
Load type	ohmic, inductive, lamp load
Max. output current	16 A
Switching current	16 A AC
Switching current max.	16 A AC
Minimum permitted load	–
Lamp test, electronic ballast	max. 16 A starting current
Current consumption power contacts	typ. 65 mA + load
Current consumption K-bus	typ. 5 mA
Contact material	AgSnO ₂
Bit width in the process image	2 inputs (status manual, automatic), 2 outputs
Operating cycles	10 ⁶
Operating cycles mech. (min.)	1 x 10 ⁶
Operating cycles electr. (min.)	no data
Configuration	no address or configuration setting
Special features	manual operation; bistable relay contact
Weight	approx. 110 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
Approvals	CE

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