



KL2408, KL2488 | 8-channel digital output terminals 24 V DC

The KL2408 (positive switching) and KL2488 (negative switching) digital output terminals connect the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. The KL2408/KL2488 variants are protected against reverse polarity connection. They handle load currents with outputs that are protected against overload and short-circuit. The Bus Terminals contain eight channels which indicate their signal state by means of light emitting diodes. They are particularly suitable for space-saving use in control cabinets. The connection technology is optimised for single-ended inputs. All components have to use the same reference point as the KL2408 or KL2488. The power contacts are looped through. In the KL2408 model, the outputs are supplied by the 24 V power contact. In the KL2488 model, they are supplied via the 0 V power contact.

Technical data	KL2408 KS2408, KL2488 KS2488
Number of outputs	8
Rated load voltage	24 V DC (-15 %/+20 %)
Load type	ohmic, inductive, lamp load
Max. output current	0.5 A (short-circuit-proof) per channel, total current 3 A
Reverse voltage protection	yes
Electrical isolation	500 V _{rms} (K-bus/field potential)
Current consumption power contacts	typ. 60 mA
Current consumption K-bus	typ. 18 mA
Bit width in the process image	8 outputs
Configuration	no address or configuration setting
Weight	approx. 70 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/KL2408