



KL2488 | 8-channel digital output terminal 24 V DC

The KL2488 (negative switching) digital output terminal connects the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. It is protected against reverse polarity connection and handles load currents with outputs that are protected against overload and short-circuit. The Bus Terminal contains eight channels which indicate their signal state by means of light emitting diodes. It is 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 KL2488. The power contacts are looped through. The outputs are supplied by the 0 V power contact.

Technical data	KL2488 KS2488
Connection technology	1-wire
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
Short circuit current	< 7 A
Breaking energy	< 100 mJ/channel
Reverse voltage protection	yes
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	typ. 60 mA + load
Current consumpt. 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
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



Product announcement

KL2488: available
KS2488: estimated market release on request