Top view   Contact assembly

KL4408 | 8-channel analog output terminal 0…10 V

The KL4408 analog output terminal generates signals in the range between 0 to 10 V. The voltage is supplied to the process level with a resolution of 12 bits and is electrically isolated. The KL4408 combines eight channels in one housing and is particularly suitable for space-saving installation in control cabinets. The use of single conductor connection technology enables the connection of multi-channel actuator technology with minimum space requirements.

The Bus Terminal has a common ground potential. The power contacts are connected through. The reference ground of the outputs is the 0 V power contact. The LEDs indicate the data exchange with the Bus Coupler.

Technical data	KL4408	KS4408
Technology	single-ended
Number of outputs	8
Signal voltage	0…10 V
Load	> 5 kΩ (short-circuit-proof)
Output error	< ±0.2 % (relative to end value)
Resolution	12 bit
Conversion time	~ 8 ms
Electrical isolation	500 V (K-bus/signal voltage)
Current consumption power contacts	only load
Current consumption K-bus	typ. 20 mA
Bit width in the process image	output: 8 x 16 bit data (8 x 8 bit control/status optional)
Configuration	no address or configuration setting
Special features	high packing density
Weight	approx. 75 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, GL

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