



KL4404, KL4408 | 4-, 8-channel analog output terminals 0...10 V

The KL4404 and KL4408 analog output terminals generate 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. In the KL4404 Bus Terminal, the four outputs are 2-wire versions. 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 Terminals have 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	KL4404 KS4404	KL4408 KS4408
Technology	single-ended	
Number of outputs	4	8
Signal voltage	0...10 V	
Load	> 5 k Ω (short-circuit-proof)	
Output error	< ± 0.1 % (relative to end value)	< ± 0.2 % (relative to end value)
Resolution	12 bit	
Conversion time	~ 4 ms	~ 8 ms
Electrical isolation	500 V (K-bus/signal voltage)	
Current consumption power contacts	only load	
Current consumpt. K-bus	typ. 20 mA	
Bit width in the process image	output: 4 x 16 bit data (4 x 8 bit control/status optional)	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	