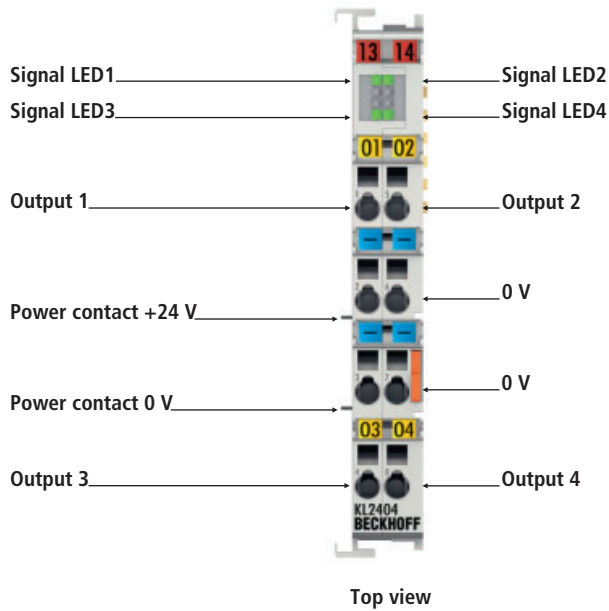


KL2404, KL2424 | 4-channel digital output terminals 24 V DC

The KL2404 and KL2424 digital output terminals connect the binary 24 V control signals electrically isolated with the actuators. The Bus Terminals contain four channels that indicate their signal state by means of LEDs. The variants KL2404 and KL2424 have different maximum output currents. The 4-channel Bus Terminals enable the direct connection of four 2-wire sensors. Four ground connection points are provided.

Technical data	KL2404 KS2404	KL2424 KS2424
Number of outputs	4	
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	2.0 A (short-circuit-proof) per channel
Short circuit current	0.7...1.7 A	22...35 A
Reverse voltage protection	yes	
Electrical isolation	500 V _{rms} (K-bus/field potential)	
Current consumption power contacts	typ. 30 mA	
Current consumption K-bus	typ. 9 mA	
Bit width in the process image	4 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/KL2404	