



KL2404, KL2424 | 4-channel digital output terminal 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	KL2424
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 A (short-circuit-proof) per channel
Short circuit voltage max.	0.7 ... 1.7 A	9 ... 20 A, typ. 13 A
Current consump. from K-bus	typ. 9 mA	
Current consump. fr. load volt.	typ. 30 mA	
Reverse voltage protection	yes	
Electrical isolation	500 V _{rms} (K-bus/field potential)	
Bit width in the process image	4 outputs	
Configuration	no address or configuration settings	
Weight approx.	70 g	
Operating/storage temperature	0 °C ... +55 °C/-25 °C ... +85 °C	
Relative humidity	95 %, no condensation	
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27/29	
EMC resistance burst/ESD	conforms to EN 61000-6-2/EN 61000-6-4	
Protect. class/installation pos.	IP 20/variable	

We reserve the right to make technical changes.