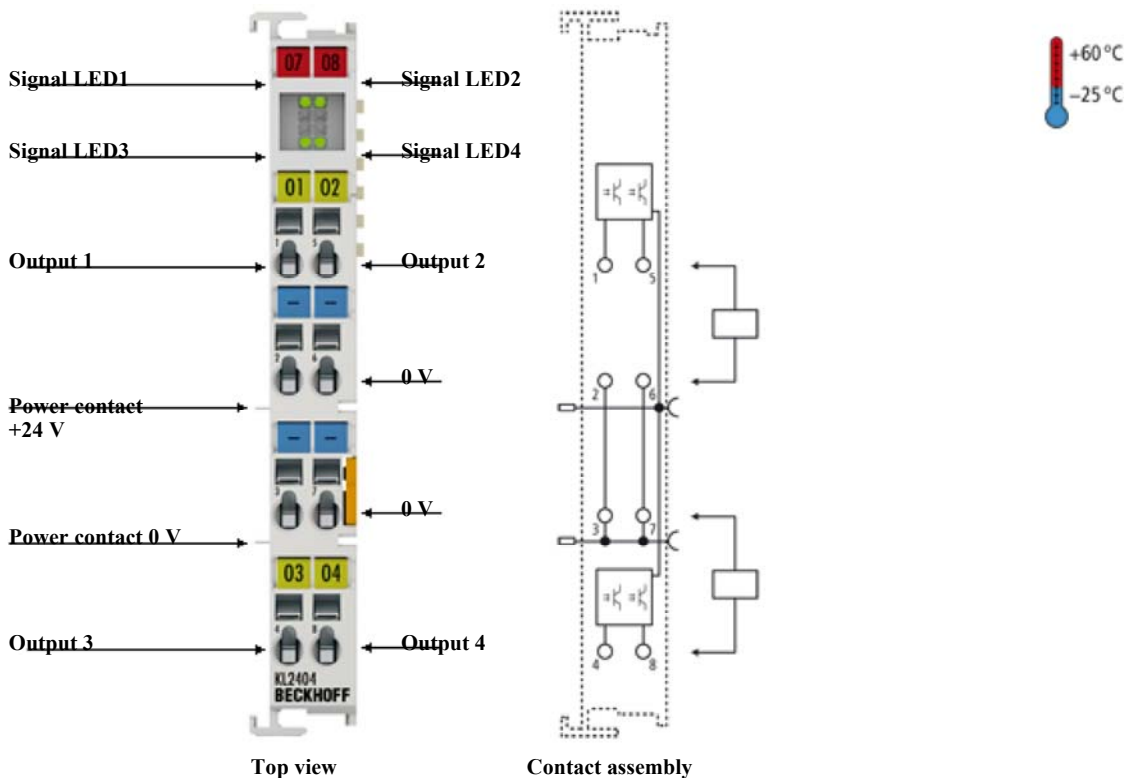


Digital Output KL2404, KL2424



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

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

Technical data	KL2404 KS2404	KL2424 KS2424
Connection technology	2-wire	
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	< 2 A	< 70 A
Breaking energy	< 150 mJ/channel	< 1.7 J/channel
Reverse voltage protection	yes	
Electrical isolation	500 V (K-bus/field potential)	
Current consumption power contacts	typ. 30 mA + load	
Current consumpt. 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	-25...+60 °C/-40...+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	CE, UL, Ex, GL