



KL2424 | 4-channel digital output terminal 24 V DC

The KL2424 digital output terminal connects the binary 24 V control signals electrically isolated with the actuators. The Bus Terminal contains four channels that indicate their signal state by means of LEDs. The 4-channel Bus Terminal enables the direct connection of four 2-wire sensors. Four ground connection points are provided.

Technical data	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	2.0 A (short-circuit-proof) per channel
Short circuit current	< 70 A
Breaking energy	< 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 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	-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, GL