



## KL2012 | 2-channel digital output terminal 24 V DC

The KL2012 digital output terminal connects the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. It handles different load currents, and its outputs are protected against overload and short-circuit. The Bus Terminal contains two channels that indicate their signal state by means of light emitting diodes.

Technical data	KL2012   KS2012
Connection technology	4-wire
Number of outputs	2
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
Short circuit current	< 2 A
Breaking energy	< 150 mJ/channel
Reverse voltage protection	–
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	typ. 15 mA + load
Current consumption K-bus	typ. 5 mA
Bit width in the process image	2 outputs
Configuration	no address or configuration setting
Weight	approx. 55 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