



KL2184 | 4-channel digital output terminal 24 V DC, switching to negative potential

The KL2184 digital output terminal connects the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. The KL2184 version has four 0 V (ground) switching outputs and generates load currents with outputs that are resistant to overload and short-circuit. The Bus Terminal contains four channels that indicate their signal state by means of light emitting diodes.

Technical data	KL2184 KS2184
Connection technology	2-/3-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
Short circuit current	< 7 A
Breaking energy	< 100 mJ/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	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