



**Four channel, digital input terminals, 24 V<sub>DC</sub>**

The KL1104 and KL1114 digital input terminals acquire the binary control signals from the process level and transmit them, in an electrically isolated form, to the higher-level automation unit. The KL1104 and KL1114 versions have input filters of different speeds. The Bus Terminals contain four channels that indicate their signal state by means of light emitting diodes. The KL1104 and KL1114 are particularly useful for space-saving use in control cabinets.

Technical data	KL1104/KS1104	KL1114/KS1114
Number of inputs	4	
Nominal voltage	24 V <sub>DC</sub> (-15% / +20%)	
"0" signal voltage	-3 V ... +5 V	
"1" signal voltage	15 V ... 30 V	
Input filter	3 ms	0,2 ms
Input current	typ. 5 mA	
Current consumption from K-bus	typ. 5 mA	
Electrical isolation	500 V <sub>rms</sub> (K-Bus/field potential)	
Bit width in the process image	4 input bits	
Configuration	no address-or configuration settings required	
Dimensions (w x h x d)	15mm x 100mm x 70mm (connected width: 12mm)	
Weight	app. 55 g	
Permissible ambient temperature range	-0°C ... +55°C during operation	
	-25°C ... +85°C during storage	
Permissible relative humidity	5% ... 95%, no condensation	
Vibration / shock resistance	conforms to EN 60068-2-6 / EN 60068-2-27, EN 60068-2-29	
EMC resistance/emission	conforms to EN 61000-6-2 / EN 61000-6-4	
Installation position	variable	
Protection class	IP20	
Approval	CE	
Pluggable wiring	at all KSxxxx series terminals	