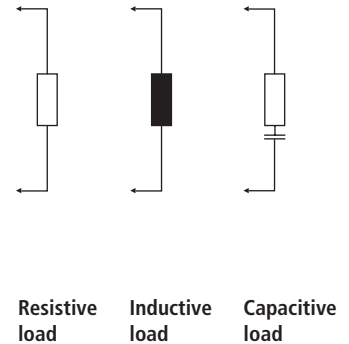


Contact assembly



Resistive load

Inductive load

Capacitive load

Connection

## KL2761 | 1-channel universal dimmer terminal, 230 V AC, 600 VA (W)

The KL2761 dimmer Bus Terminal is intended for direct connection of different lighting devices. Typical lighting devices such as incandescent lamps, inductive and electronic ballasts are detected and controlled in the right mode. The required light intensity values are specified via the process data. The KL2761 calculates the correct phase control angle for the required value. The output is short-circuit-proof and overload-proof. The KL2761 can be operated at any fieldbus. The load status can be read.

Technical data	KL2761   KS2761
Mains voltage	230 V AC
Rated output	600 VA (W)
Rated current	max. 2.7 A
Load type	ohmic, inductive or capacitive (not mixed), automatic load detection
Control type	phase control
Resolution	1 %
Electrical isolation	500 V <sub>rms</sub> (K-bus/field voltage), 3,750 V AC (1 min.)
Leakage current	< 1 mA (OFF state)
Current consumption K-bus	typ. 65 mA
Bit width in the process image	output: 1 x 16 bit data (1 x 8 bit control/status optional)
Weight	approx. 60 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 60068-2-27/29
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
Further information	<a href="http://www.beckhoff.com/KL2761">www.beckhoff.com/KL2761</a>