



## 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. Dimmable 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   |
|------------------------------------|---|
| Connection technology              | 4-wire  |
| Number of outputs                  | 1   |
| Mains voltage                      | 230 V AC (50 Hz)  |
| Rated output                       | 600 VA (W)  |
| Rated current                      | max. 2.7 A  |
| Load type                          | ohmic, inductive or capacitive (not mixed), lamp load, automatic load detection |
| Max. output current                | 2.7 A   |
| Control type                       | phase control   |
| Resolution                         | 1 %   |
| Electrical isolation               | 500 V (K-bus/field voltage), 3,750 V AC (1 min.)                                |
| Leakage current (OFF state)        | < 1 mA  |
| Current consumption power contacts | only load   |
| Current consumpt. K-bus            | typ. 95 mA  |
| Bit width in the process image     | output: 1 x 16 bit data (1 x 8 bit control/status optional)                     |
| Special features                   | dimmers with fieldbus functionality   |
| 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  |
| EMC immunity/emission              | conforms to EN 61000-6-2/EN 61000-6-4   |
| Protect. class/installation pos.   | IP 20/see documentation   |
| Pluggable wiring                   | for all KSxxxx Bus Terminals  |
| Approvals                          | CE  |

| Special terminals |  |
|-------------------|--|
| KL2761-0011       | 1-channel universal dimmer terminal, 230 V AC, 600 VA (W), 50 Hz, without power contacts |

| Accessories |                                   |
|-------------|-----------------------------------|
| KL9380      | Mains filter terminal for dimmers |