



KL1712-0060 | 2-channel digital input terminal 60 V DC

The KL1712-0060 digital input terminal acquires the binary control signals from the process level and transmits them, in an electrically isolated form, to the higher-level automation unit. It is possible to connect 60 V DC actuators directly. The Bus Terminal contains two channels that indicate their signal state by means of light emitting diodes.

| Technical data | KL1712-0060 KS1712-0060 |
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| Connection technology | 4-wire |
| Number of inputs | 2 |
| Nominal voltage | 60 V DC |
| "0" signal voltage | 0...20 V |
| "1" signal voltage | 40...70 V |
| Input filter | typ. 10 ms |
| Input current | > 3 mA, typ. 6 mA |
| Current consumption K-bus | typ. 3 mA |
| Switching times | 10 ms |
| Electrical isolation | 500 V (K-bus/mains voltage); 3750 V AC, 1 min. |
| Bit width in the process image | 2 inputs |
| Configuration | no address or configuration setting |
| Special features | 60 V DC rail applications |
| 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/variable |
| Pluggable wiring | for all KSxxxx Bus Terminals |
| Approvals | CE, UL |