KM2002-0002　　　　　　　　KM2002-0004　　　　Connection

KM2002 | 16-channel digital output 24 V DC, 0.5 A

The terminal module KM2002 combines 16 digital outputs with eight channels per plug connector in a compact design with high packing density. The binary control signals are transferred (electrically isolated) to the actuators at the process level. Like the standard Bus Terminals, the terminal modules are integrated in the I/O system. Plug connectors with spring connections enable plug-in wiring and are available with 1 or 3 pins. LEDs integrated in the connector indicate the signal state for each channel directly at the wire.

Technical data	KM2002
Connection technology	plug
Number of outputs	16 (2 x 8)
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	< 2 A
Breaking energy	< 150 mJ/channel
Reverse voltage protection	yes
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	– (no power contacts)
Current consumpt. K-bus	typ. 5 mA
Bit width in the process image	16 outputs
Dimensions (W x H x D)	26.5 mm x 100 mm x 71 mm
Weight	approx. 90 g with 1-pin connector, approx. 110 g with 3-pin connector
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
Approvals	CE

Ordering information	KM2002-000x
KM2002-0000	16-channel DO (0.5 A), without connector
KM2002-0001	16-channel DO (0.5 A), 1-pin connector (no status LED)
KM2002-0002	16-channel DO (0.5 A), 1-pin connector (with status LED)
KM2002-0004	16-channel DO (0.5 A), 3-pin connector (with status LED)