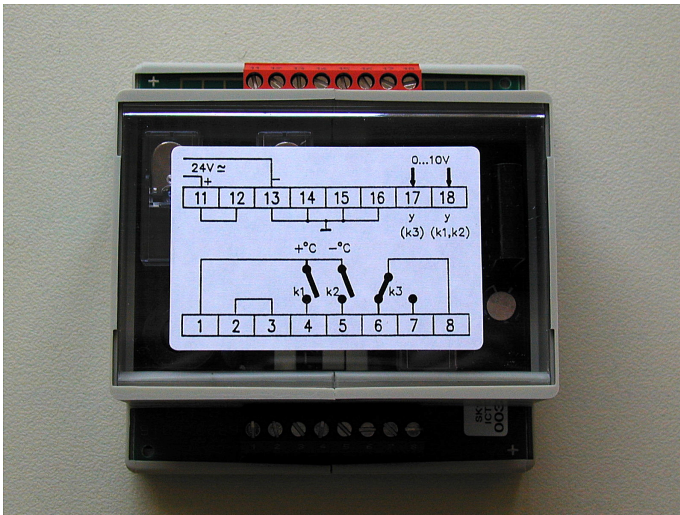


MCD 3

External Output Relay Module Two Digital and One Floating Output

PRODUCT DATA



Technical data

Input Circuit

Nominal voltage / power consumption	24 V AC/DC 13 mA
Nominal voltage tolerance	± 10%
Switch protection	input varistor
Operational display	LED
Energize / de-energize time	10 ms / 5 ms

Output circuit

Output contact K1, K2	1 normally open relay, SPST
Output contact K3	1 change-over relay, SPDT
Contact material	AgCdO
Switching voltage max.	240V AC/DC
Switching current K1, K2	1.2A/24 VAC, 0.2A/240 VAC
Switching current K3	2A/240 VAC
Breaking capacity max.	24 V DC / 150 W
	50 V DC / 25 W
	230 V DC / 50 W
	230 V AC / 1500 VA
Minimum switching capacity	24 V DC / 20 mA
Mechanical loading	2 x 10 ⁷ switching operations
Electrical loading	10 ⁵ switching operations at max. load
Switching frequency max.	600 switching operations per hour at max. current

General data

Insulation as per VDE 0110/01.89	rated voltage 250 V overvoltage category III pollution level 3
Test voltage coil / contact	2 kV 50 Hz 1 min.
Protection as per DIN 40050	housing IP 50, terminals IP 20
Permissible ambient temperature	- 20 ... + 55° C
Wire size	2.5 mm ²
Mounting position	optional
Weight	approx. 0.045 kg

Home and Building Control

Honeywell AG
Böblinger Strasse 17
D-71101 Schönaich
Phone: (49-70 31) 637- 01
Fax: (49-70 31) 637- 493

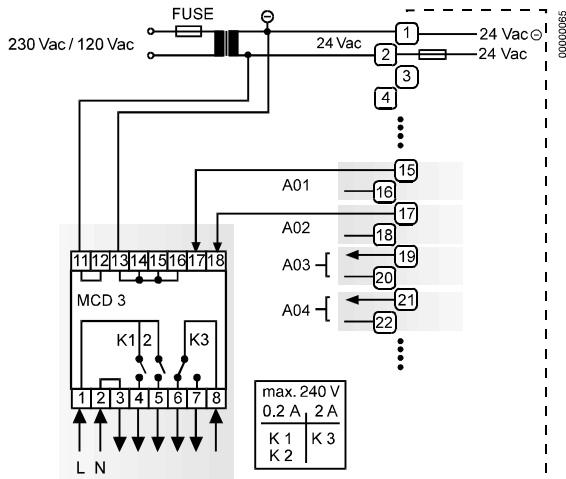
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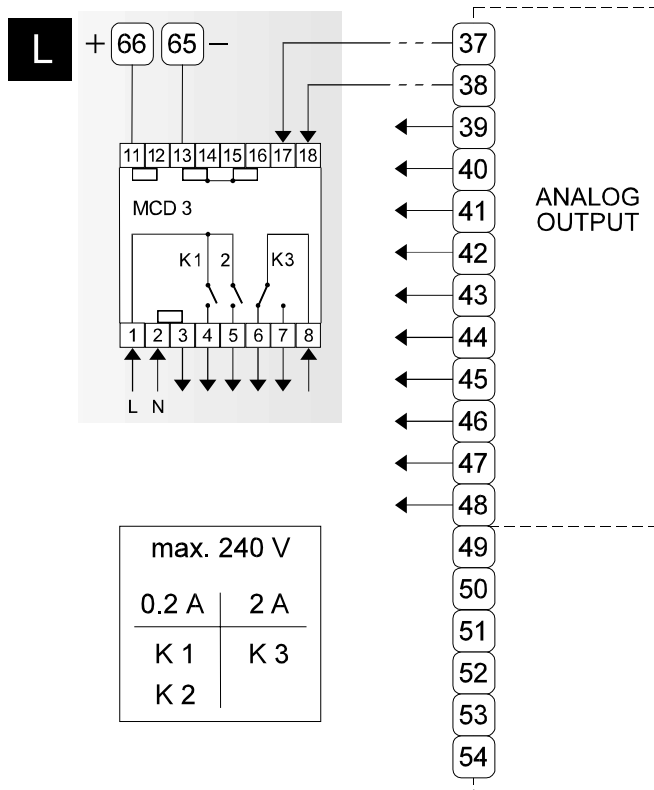
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Wiring example when used with XL50:

Relay terminal 17 controls the change-over contact K3.
Relay terminal 18 controls the ON contacts K1, K2.
Ground can be looped through terminals 2/3.



Wiring example when used with XL100C:

The relay modules are supplied via the special relay connection of the controller (terminals 65/66)

IMPORTANT

Important during connection:

1. Correct polarity
2. Under no circumstances may a relay module be connected to the reference voltage.

Several relay modules can be connected in series via the bridged terminal pair:

Plus pole: Terminals 11/12 of the relay
Minus pole: Terminals 13 to 16 of the relay

L (Fig. left)

Terminal 17 controls the changeover contact K3. Terminal 18 controls the ON contacts K1, K2. Ground can be looped through terminals 2/3.

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