


## System 2000 HVAC relay insert



Specification	Order No.	Packing unit	PS	EAN
	0303 00	1	02	4010337303008

### Features

- The HVAC relay insert has a non-isolated 230 V switching channel (Channel 1) for switching the lighting and another switching channel (zero-voltage Channel 2) for switching a second mains phase (no SELV voltage), e.g. for a fan or a heater.
- Delay time of Channel 2 can be set to one of five levels.
- The functionality of the HVAC relay insert depends on the top unit used.

Function as a delay switch:

- This function is achieved e.g. with a System 2000 top unit for switching and dimming or with a radio top unit for switching and dimming.
- Channel 1 is switched on or off during operation without delay.
- Channel 2 is switched on or off time-delayed depending on Channel 1.

Function as a HVAC switch:

- This function is achieved with a System 2000 Comfort automatic control switch top unit or System 2000 Standard presence detector top unit.
- Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.
- Channel 2 is switched on immediately or time-delayed when there is motion in the detection field. The ambient brightness does not affect the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

### Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connection:	N conductor required
Connected load of Channel 1	
- Light bulbs:	1000 W
- HV halogen lamps:	1000 W
- Wound transformer:	750 VA
- Gira Tronic transformer:	750 W
- Fluorescent lamps, uncompensated:	500 VA
Connected load of Channel 2	
- Light bulbs:	800 W

- HV halogen lamps:	750 W
- Motors:	450 VA
Channel 1	
- Ohmic switching current:	10 A
- Switch-on current max. 4 s for switch-on duration of 10 %:	15 A
- Minimum switching current AC:	100 mA
Channel 2	
- Switching voltage:	AC 230 V
- Minimum switching voltage:	AC 12 V
- Switching current for AC 230 V, ohmic:	6 A
- Switch-on current:	max. 2.1 A
- Minimum switching current AC:	100 mA
Delay time of Channel 2:	2, 10, 30, 60, 120 min
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	
Cable length of auxiliary unit:	max. 100 m
Installation depth:	32 mm
Connections	
- Channel 1:	max. 4 mm <sup>2</sup>
- HVAC:	
Ambient temperature:	+5 °C to +45 °C

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