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System 3000 relay switching insert



Specification	Order No.	Packing unit	GBP/piece without VAT	PS	EAN
	5403 00	1/5	86.34	02	4010337048282

Features

- Switching of lighting and single-phase motors.
- Control of electric underfloor heating and thermal servos in combination with a room temperature controller top unit.
- Adaptive zero-point switch-off
- Connecting auxiliary units is possible.
- The load is switched off automatically. Delay times can be set to one of five levels, cannot be re-triggered.
- Test run for function testing.
- Operation with neutral conductor connection.

Combination with RF Multi operating top unit, 1-gang / 2-gang for KNX

- Switching actuator channel, 1-gang or heating actuator, 1-gang.
- Sensor channel, 1-gang or 2-gang.
- Local control of System 3000 insert possible.
- Wireless control of other devices for KNX possible as a sensor.
- Temperature detection.
- Insert function selection for switching: NO/NC operation, staircase function with switch-off pre-warning, scene function (16 scenes), blocking function, time delays. Auxiliary input can be used as an additional operating point for the System 3000 insert or for wireless control of other devices for KNX as a sensor.
- Insert function selection for room temperature controller:Control of 230 V servos, heating mode, cooling mode, heating and cooling mode, switchover to heating or cooling mode via communication object or auxiliary input. PWM and 2-point controller, absolute and relative setpoint setting, heating requirement control incl. cascading, valve protection function. Cyclical monitoring of the floor temperature, service mode for valve output, frost protection function (automatic or via communication object), temperature sensor calibration, boost function, summer and winter compensation, scene function (16 scenes).

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Ohmic switching current:	16 A (AC1)
Connected load at 35 °C - HV LED lamps:	typically 400 W

Illustrations are similar and may deviate from originals.
Prices valid for United Kingdom with prices valid 01/26.

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- Compact fluorescent lamp:	typically 500 W
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Tronic transformers:	1500 W
- Wound electronic transformer:	1000 VA
- Fluorescent lamps, uncompensated:	1200 VA
Switching current for motors:	6 A
Capacitive load:	920 VA (115 µF)
Delay time:	without, 1 min, 5 min, 30 min, 60 min
Installation depth:	24 mm
Installation:	in device box in accordance with DIN 49073
Ambient temperature:	-25 °C to +45 °C

Notes

- If the ambient temperature is higher than 35 °C, the connected load must be reduced.