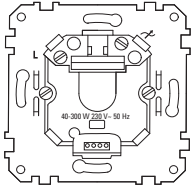


**Electronic switch insert**

Operating instructions



Art. no. MTN576799

**Accessories**

- ARGUS 180 flush-mounted sensor module, System M (Art. no. MTN5784../MTN5755..)
- ARGUS 180 flush-mounted sensor module, Artec/Tracent/Antique (Art. no. MTN5786..)
- ARGUS 180 flush-mounted sensor module with switch, System M (Art. no. MTN5728../MTN5785..)
- ARGUS 180 flush-mounted sensor module with switch, Artec/Tracent/Antique (Art. no. MTN5795..)

**For your safety**

**DANGER**

**Risk of fatal injury from electrical current**

The device may only be installed and connected by skilled electricians. Observe the regulations valid in the country of use.

**CAUTION**

**Risk of fatal injury from electrical current**

However the device is turned off there might be full voltage at the output. Always turn the device in the status of voltage free before starting with work.

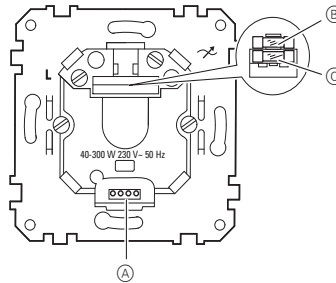
**Getting to know the insert**

The electronic switch insert (referred to below as the **insert**) is an electronic automatic switch for ohmic loads (incandescent lamps or 230 V halogen lamps).

You can combine the insert with an ARGUS 180 sensor module, flush-mounted:

The movement detector built into the sensor module registers movement within a radius of around 2.5 - 8 m, and the electronic switch insert switches on connected loads for an adjustable duration. All variables such as switching duration, sensitivity etc. can be set on the sensor module.

**Connections, displays and operating elements**



- (A) Connection terminal
- (B) Fuse
- (C) Replacement fuse

**How to wire the insert**

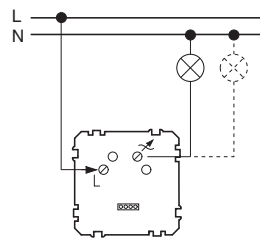
**CAUTION**

The electronic switch insert needs a minimum load of 40 W during operation. If the load falls below this value the electronic switch insert may become damaged.

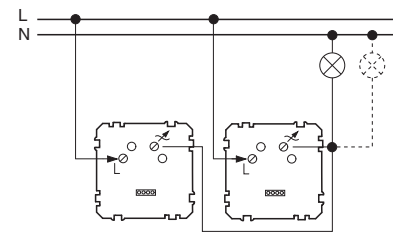
**CAUTION**

The electronic switch insert may become damaged, if it's connected to inductive loads (e. g. double-wound transformer) or to capacitive loads (e. g. energy-saving lamp).

**Single electronic switch insert**

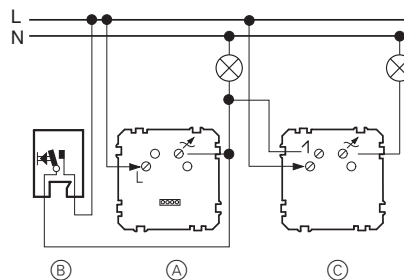


**Two electronic switch inserts (maximum of two) connected in parallel**



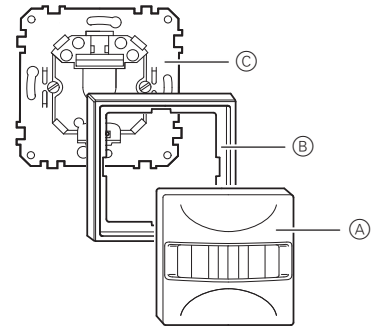
**Electronic switch insert with push-button in a two-way circuit and power booster**

Connecting the power booster, Art. No. MTN574099, allows you to increase the connected load by 600 W per power booster.



- (A) Electronic switch insert
- (B) Power booster
- (C) Push-button

**How to install the insert**



- (A) ARGUS 180 sensor module, flush-mounted
- (B) Frame
- (C) Relay switch insert

- 1 Wire the electronic switch insert for the desired application.
- 2 Install the electronic switch insert in the mounting box so that the pin strip is at the bottom.

**CAUTION**

The contact pins on the rear of the sensor module or sensor cover can become bent if they are tilted excessively. Therefore always hold them as straight as possible when inserting.

- 3 Install the sensor module or sensor cover with frame as described in their manuals.

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If you do not install an electronic switch insert in a single, standard flush-mounted box, the maximum permissible load is reduced as follows, due to the restricted heat dissipation:

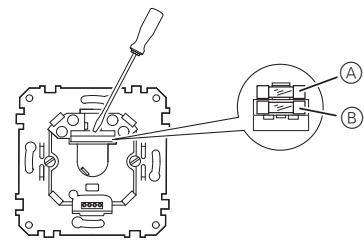
Load reduction by	Electronic switch insert installed in cavity or wooden walls *	Several electronic switch inserts or in combination with dimmers*	Electronic switch insert in 1-gang or 2-gang surface-mounted housing	Electronic switch insert in 3-gang surface-mounted housing
25 %	X	X		
30 %			X	
50 %				X

\* If several factors apply at once, add the load reductions together!

**How to change the fuse**

**Risk of fatal injury**

Switch off the mains voltage.



- (A) Fuse
- (B) Replacement fuse

- 1 Pull the fuse holder out towards the front (e. g. with a screwdriver) and exchange fuse with replacement fuse.

### **Technical data**

Mains voltage:	AC 230 V, 50 Hz
Switching capacity:	40 – 300 W
Power consumption:	less than 1 W
Short-circuit protection:	Fuse insert T 1.6 H

### **Schneider Electric Industries SAS**

If you have technical questions, please contact the Customer Care Center in your country.

[www.schneider-electric.com](http://www.schneider-electric.com)

This product must be installed, connected and used in compliance with prevailing standards and/or installation regulations. As standards, specifications and designs develop from time to time, always ask for confirmation of the information given in this publication.