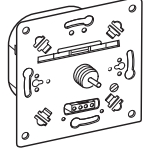


**Rotary dimmer insert for inductive load**

Operating instructions



ATTD1000RL

**For your safety**

- DANGER**  
**Risk of fatal injury due to electrical current**  
 All work on the device should only be carried out by trained and skilled electricians. Observe the country-specific regulations.
- DANGER**  
**Risk of fatal injury from electric current.**  
 The outputs may carry an electrical current even when the device is switched off. Always disconnect the fuse in the incoming circuit from the supply before working on connected loads.

**Rotary dimmer insert – introduction**

With the rotary dimmer insert (hereafter referred to as "dimmer"), you can use a rotary knob to switch and control inductive, ohmic and motor loads such as

- Low-voltage halogen lamps with dimmable, inductive transformers
- Incandescent lamps and 230 V halogen lamps and
- Single-phase electric motors.

The dimmer has an additional switch output which enables an additional load to be switched on and off.

- CAUTION**  
**The device can become damaged.**
- Always operate the device with the specified minimum load.
  - Always protect the circuit of this device with 10 A.
  - Only connect dimmable transformers.

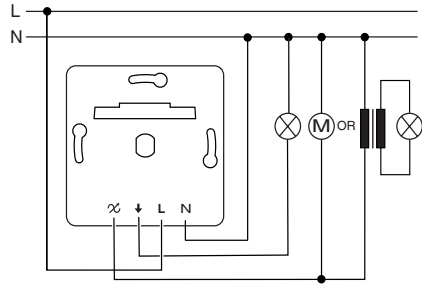
**Installing the dimmer**

**i** The maximum allowed load is reduced due to the decreased heat dissipation when you do not install the device into a single standard flushmount-mounted mounting box:

Load reduction by	Mounted in cavity walls *	Several installed together in combination *	In 1-gang or 2-gang surface-mounted housing	in 3-gang surface-mounted housing
25 %	x	x		
30 %			x	
50 %				x

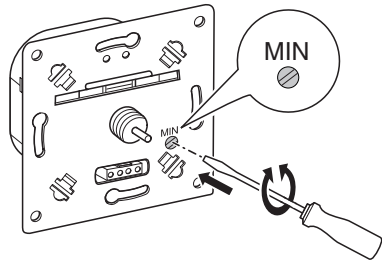
\* If several factors apply, add the load reductions together.

**Wiring the dimmer for the desired application.**



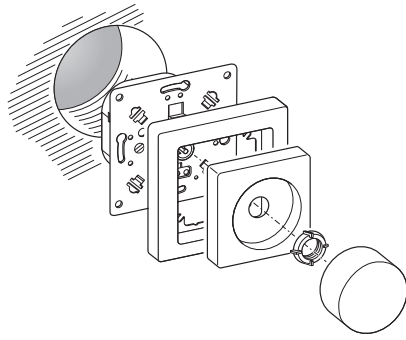
**Setting the minimum brightness of the lamps.**

**i** The connected lamps should illuminate a minimum brightness when the dimmer is switched on and when the rotary switch has been dimmed down. Set the minimum brightness before installing the covers.

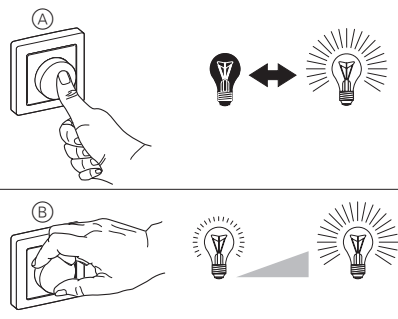


- 1 Set the dimmer.
- 2 Dim the brightness right down using the rotary knob.
- 3 Set the minimum brightness using the set-screw (MIN).

**Installing the dimmer and covers.**



**Operating the dimmer**



- You switch the connected lamps on and off by simply pressing the rotary knob (A).
- By turning the rotary knob (B), you dim the lamps brighter or darker.

**What should I do if there is a problem?**

- The dimmer dims down by itself.**
- Allow the dimmer to cool down and reduce the connected load.
- The connected lamp doesn't switch on.**
- If there is an extreme overload due to the fact that the operating temperature is too high, it will not be possible to switch the dimmer back on and it must be replaced.

**Technical data**

Mains voltage:	AC 230 V, 50 Hz
Nominal ohmic load:	40 - 1000 W
Minimum ohmic load:	40 W
Nominal inductive load:	60 - 1000 VA
Minimum inductive load:	60 VA
Nominal motor load:	60 - 600 W
Minimum motor load:	60 W
Load type:	Ohmic, inductive and motor load
Load on the switch output:	max. 2 A, cos φ 0.6

**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.