

Product presentation

2009



Product presentation

- Ventilation controller
- Dimmer for fluorescent lamps



for nonresidential building

theben®

Ventilation controller



for hotels

theben®

Ventilation controller



for conference rooms

theben®

Ventilation controller



for class rooms

theben®

Ventilation controller



Functions- requirements:

- **ventilation** depending on:
 - **humidity** (relative humidity)
 - **CO²** concentration
- **manual** or **automatic** selection of the fan stages
- included Holiday program (for periodical ventilation)
- for maintenance:
 - fan **running time**
 - **filter change** notice

used devices:

- Varia 826



- Fan Coil Actor FCA 1

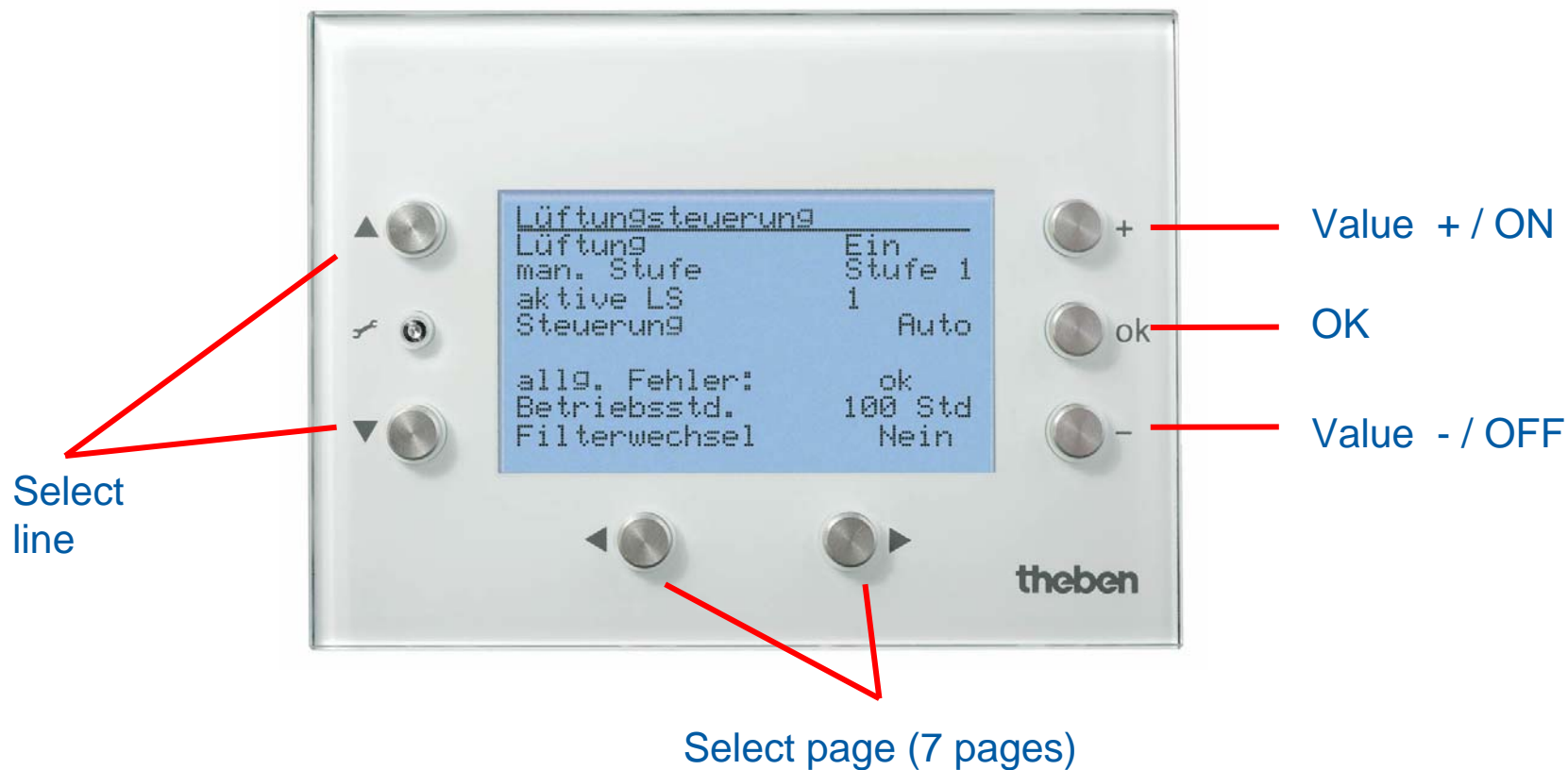


- Amun 716

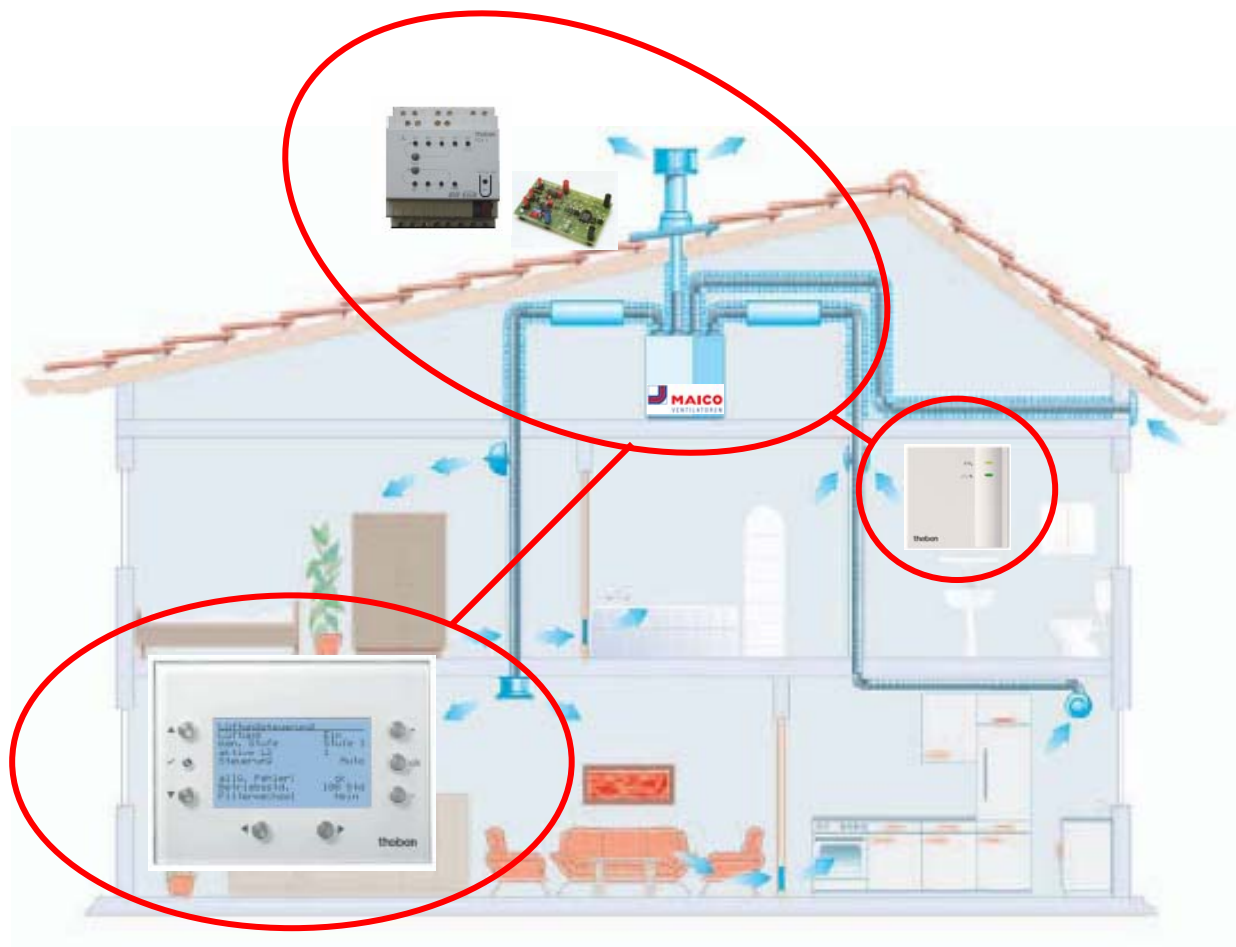


- controller board WR – model range









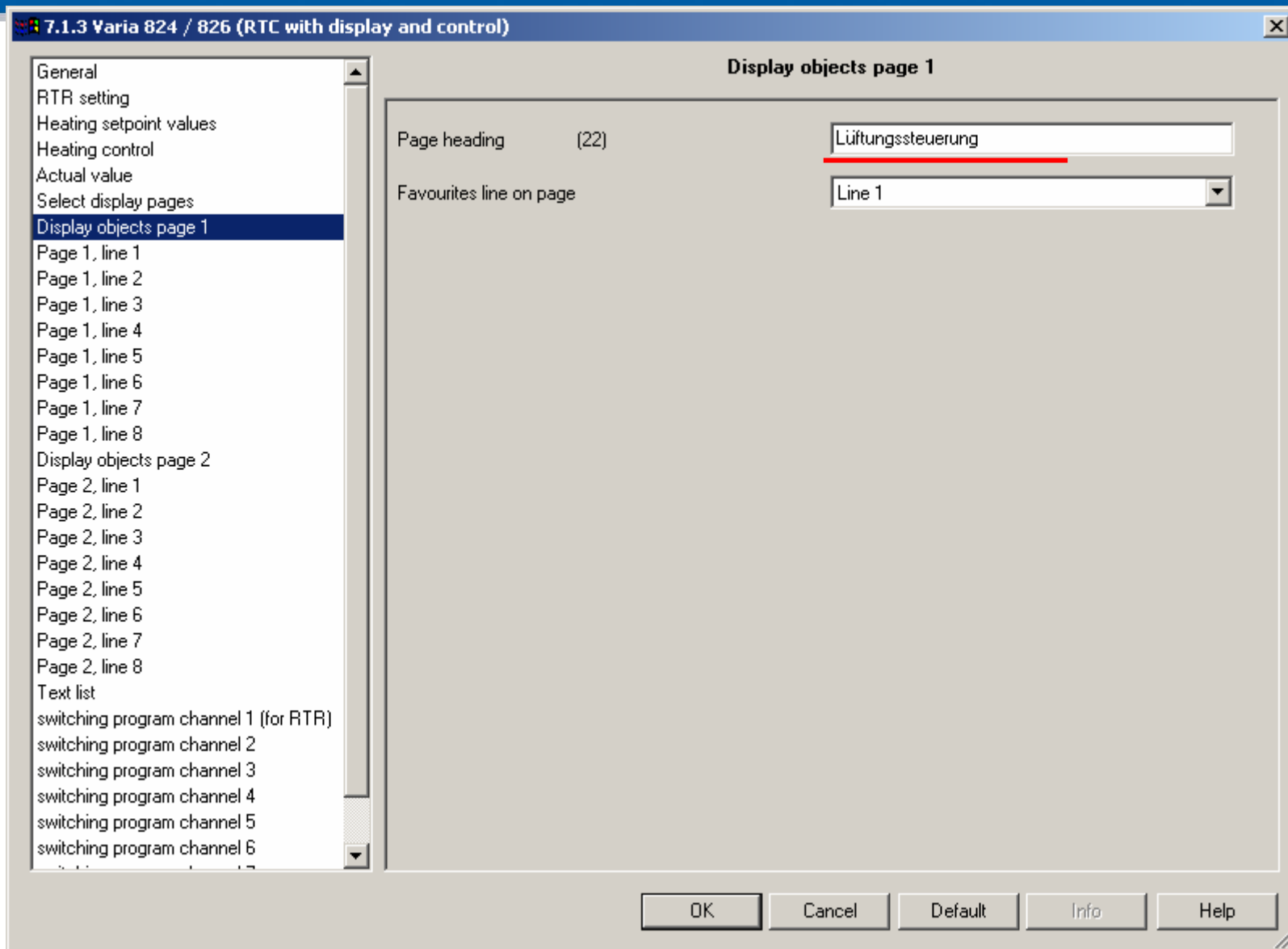
1.1 Parameter settings

For not listed parameter applied the standard respectively the customer parameter settings.

Table 1 VARIA

Parameter pages	Parameter	Values
<i>Select display pages</i>	<i>Show page 1 for display objects</i>	<i>Yes</i>
	<i>Show page 2 for display objects</i>	<i>Yes</i>
<i>Display objects page 1</i>	<i>Page heading</i>	<i>Lüftungssteuerung</i>
<i>Page 1, line 1</i>	<i>Line format</i>	<i>Object type: Switching (DPT 1.xxx)</i>
	<i>Text</i>	
	<i>Text</i>	
	<i>Text</i>	
	<i>Änderung zulassen</i>	
<i>Page 1, line 2</i>	<i>Fon</i>	
	<i>Text</i>	
	<i>Änderung zulassen</i>	
	<i>We</i>	
	<i>ver</i>	





Wert 3

191

7.1.3 Varia 824 / 826 (RTC with display and control)

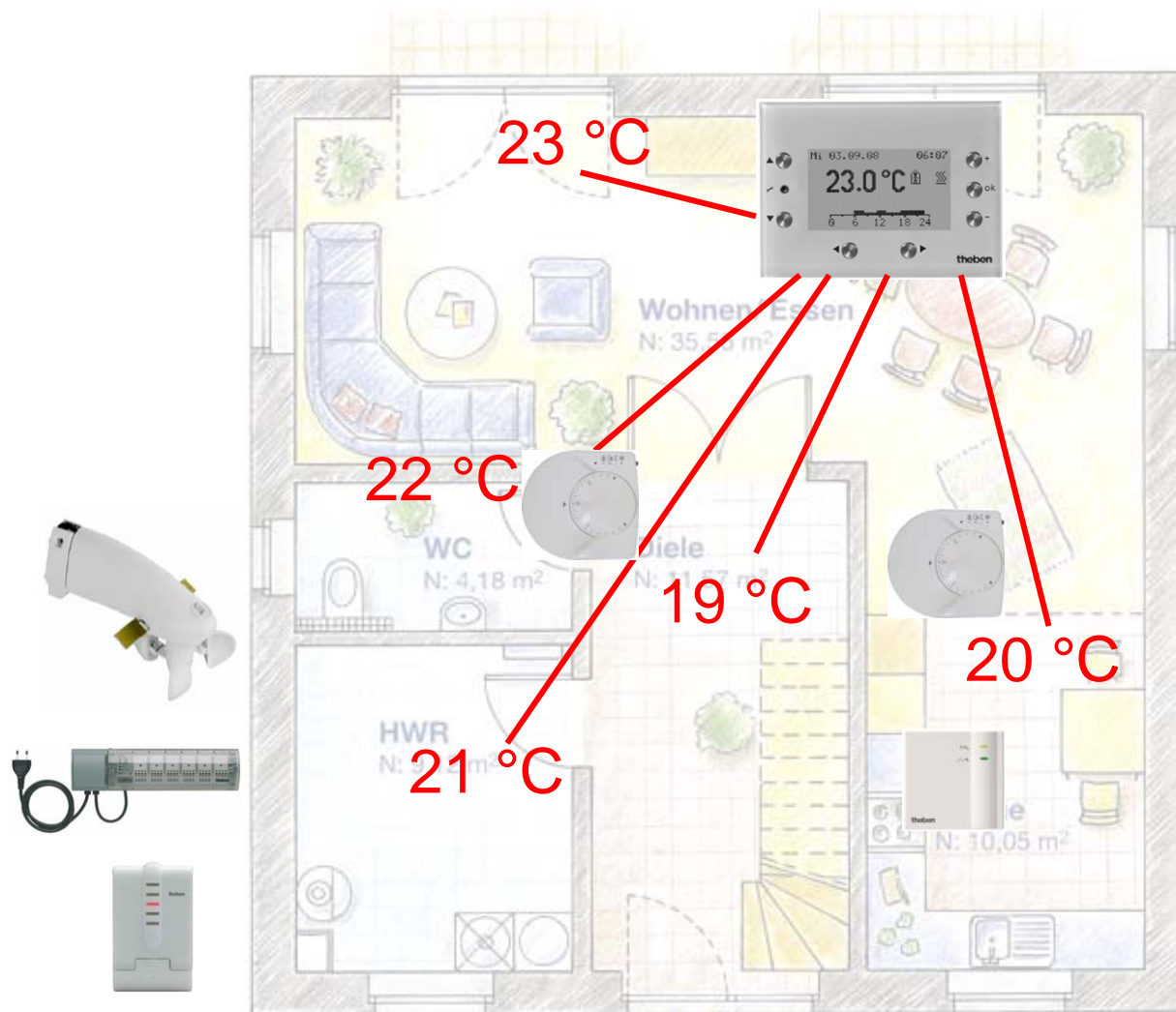
Page 1, line 1

Line format		Object type: Switching (DPT 1.xxx)
Text for line 1 (14)		Lüftung
Text at object value = 0 (7)		Aus
Text at object value = 1 (7)		Ein
Authorise amendment of object value?		Yes
Display before receipt of value		Read from object via bus

OK Cancel Default Info Help

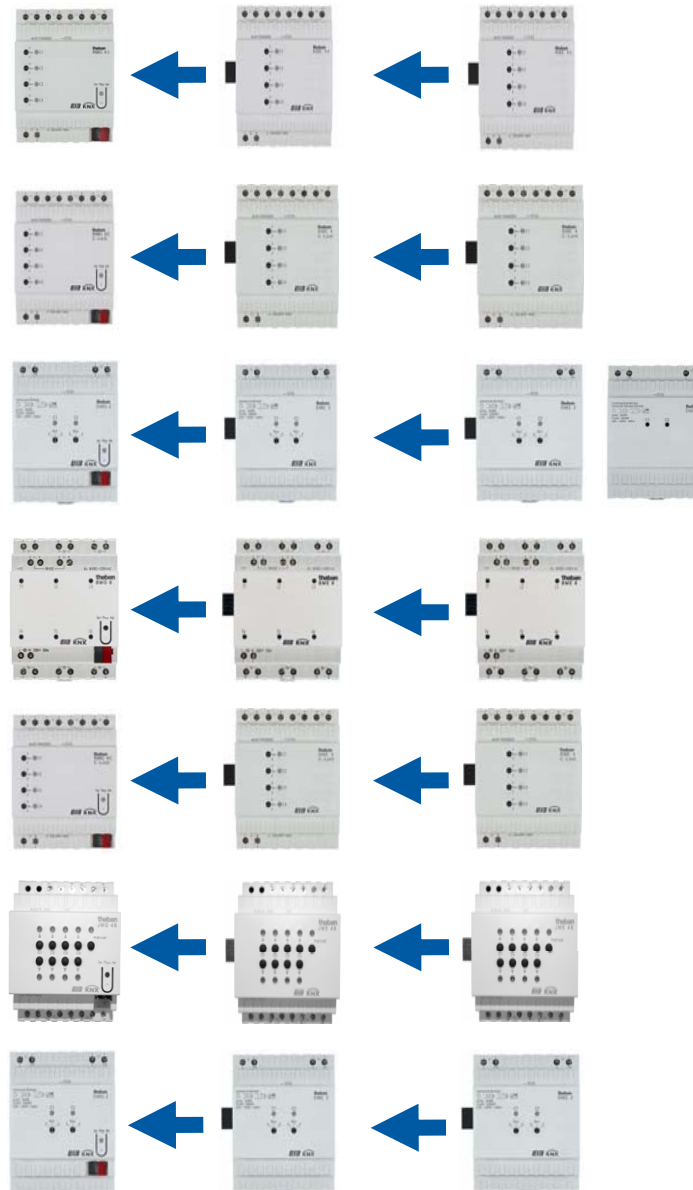
Wert 3

191



DMG 2 /DME 2 Dimming actuators





- Mix - Switching actuators
- Mix - C-load actuators
- Mix - Dimming actuators
- Mix - Binary input
- Mix - Heating actuators
- Mix - Blind actuators
- Mix - Control devices 1-10 V

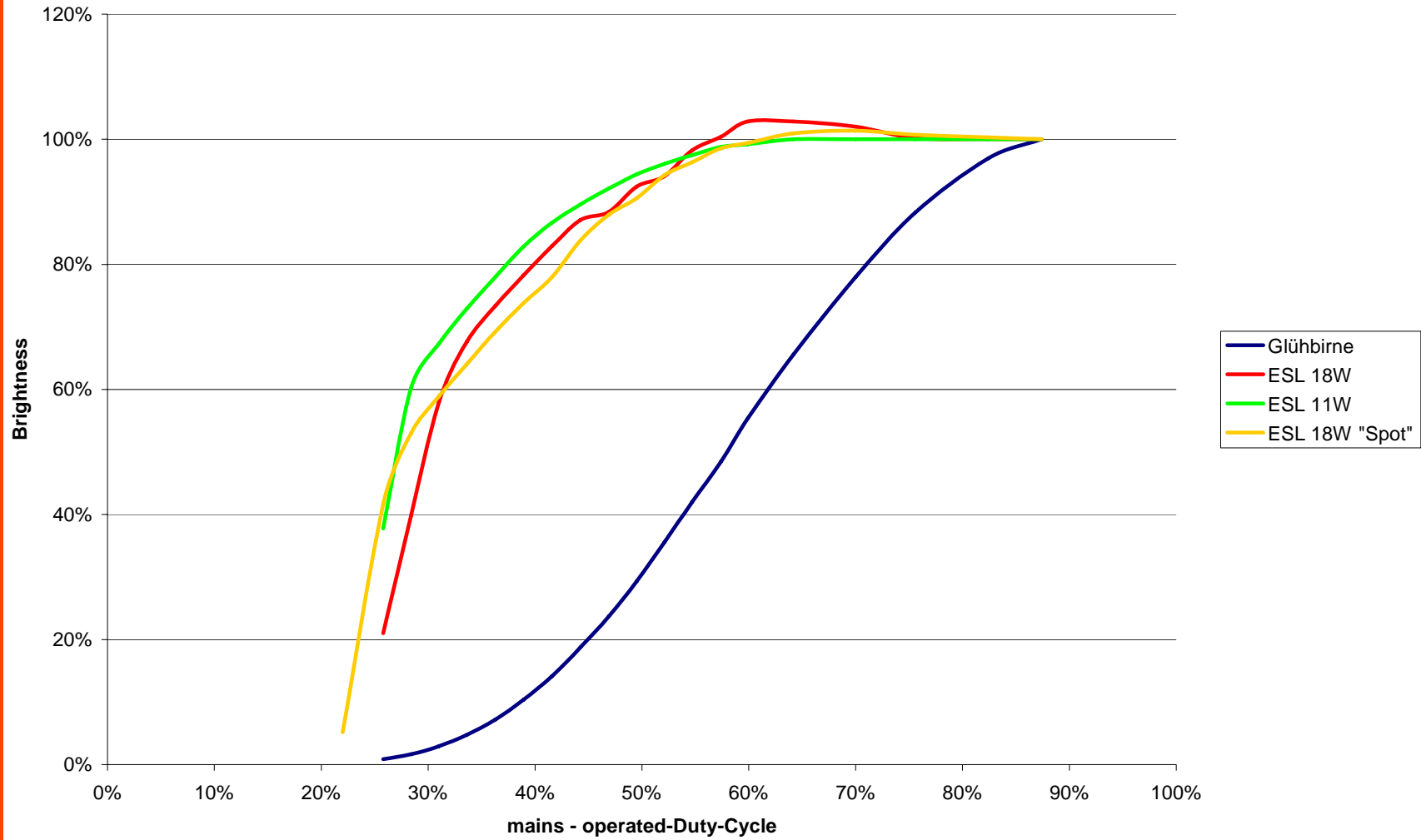
- SMG 2 base module + SME 2 extension module

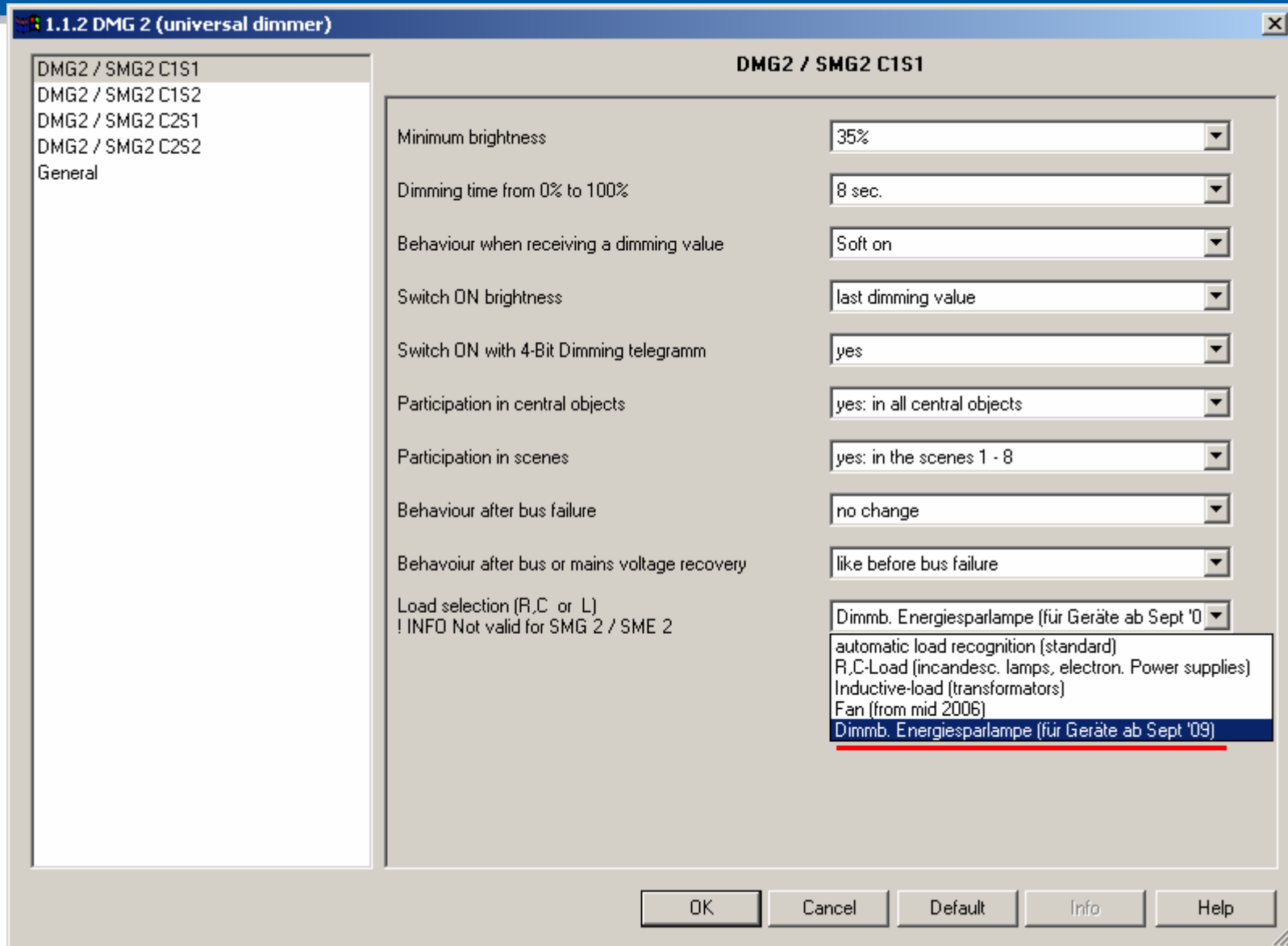


Functions- requirements:

- **Dimming** with **dimmable compact fluorescent lamps**
 - start with 100 % luminance
 - adapted dimming characteristics

Compact fluorescent lamps







Thank you for your attention