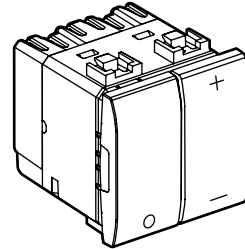


HD4402



HD4408

1. USE

Knob dimmer 60 to 500 W resistive.
Pushbutton dimmer range.

2. RANGE

KNOB DIMMER



Knob dimmer with built-in two-way switch - 60-500 W resistive - TRIAC/IGBT technology - Built-in fuse
1 module

HD4402
 HC4402
 HS4402

PUSHBUTTON DIMMER



300-600 W resistive/inductive pushbutton dimmer with electronic protection - 2 modules

HD4408
 HC4408
 HS4408



200/400 W resistive/inductive multi-load pushbutton dimmer with electronic protection - 2 modules

HD4409
 HC4409
 HS4409



300-600 VA - 0-10 V output pushbutton dimmer with electronic protection - 2 modules

HD4410
 HC4410
 HS4410



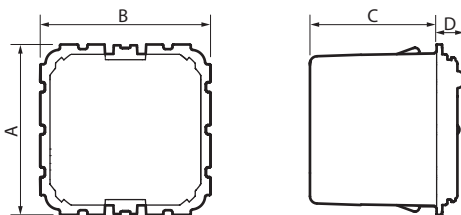
Touch dimmer 230 Vac/110-127 Vac resistive
For ferromagnetic transformer 800 W/230 Vac,
400 W/127 Vac

HD4582
 HC4582
 HS4582

Color code:

- White
- Tech
- Anthracite

3. OVERALL DIMENSIONS (mm)



Rocker	A	B	C	D
1 module	45	22.5	43	12*
2 modules	45	45	33.5	9.5

*Cat. No. HD/HC/HS4402

4. CONNECTION

Screw terminal
Terminal capacity: 2.5 mm²
Stripping length: 9 mm

5. TECHNICAL CHARACTERISTICS

■ 5.1 Protection index

Penetration by solid bodies/liquid: IP 21 D
Impact test: IK 04

■ 5.2 Material characteristics

Material: Polycarbonate

Halogen free.

UV resistant.

Self-extinguishing:

- + 850° C / 30 s for insulating parts holding live parts in place.
- + 650° C / 30 s for other parts made of insulating materials.

5. TECHNICAL CHARACTERISTICS *(continued)*

■ 5.3 Electrical characteristics

Voltage: 250 VAC

Frequency: 50/60 Hz

Loads managed (transformer lamps)

Item	Type	Supply range	Standard supply	Filament and halogen	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent with 0 - 10 V ballast
HD4402 HC4402 HS4402	Resistive	230 Vac 50 Hz	230 Vac	60 - 500 W	-	-	-
HD4408 HC4408 HS4408	Resistive Inductive	100 - 240 Vac 50/60 Hz	230 Vac	20 - 600 W	20 - 600 W	-	-
HD4409 HC4409 HS4409	Multi-loads	100 - 240 Vac 50/60 Hz	230 Vac	20 - 400 W	20 - 400 W	40 - 600 VA	-
HD4410 HC4410 HS4410	0 - 10 V	100 - 240 Vac 50/60 Hz	230 Vac	-	-	-	40 - 600 VA
HD4582 HC4582 HS4582	Resistive Inductive	100 - 240 Vac 50/60 Hz	50/60 Hz	230 Vac 127 Vac	50 - 800 W 50 - 450 W	50 - 800 W 50 - 450 W	

■ 5.4 Climatic characteristics

Storage and operating temperatures: - 5° C to + 35° C

6. CLEANING

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene.

Caution: A preliminary test should be carried out if other specific cleaning products are to be used.

7. STANDARDS AND APPROVALS

Compliance with standards of installation and manufacturing.

Refer to e.catalogue.