

Wired Switch Actuator – 8 channels



VDE certified

Product ref.: 151677A0



Product features

- Switches connected loads such as lights via eight potential-free, independent channels on or off
- Offers flexible control of connected loads via conventional wired push-buttons or wireless Homematic IP push-buttons and remote controls
- Each channel can be assigned to a different phase, enabling independent control of every single channel
- Easy set up and operation directly on the device thanks to large, illuminated LC display
- Easy installation without screws using spring-loaded terminals and plug connectors for bus connection
- For operation within the Wired system, a Homematic IP Wired Access Point is required. The Wired system offers control via the Central Control Unit CCU3, many partner solutions as well as the Homematic IP cloud service (coming soon).

Technical specifications

Supply voltage	24 VDC, $\pm 5\%$, SELV
Current consumption	250 mA max./2.5 mA (typically)
Standby power consumption	60 mW
Relay	NO contact, μ contact, bistable
Switching voltage	230 V~
Current carrying capacity (device)	Σ 80 A
Power loss of the device for thermal calculation	max. 4.6 W
Installation	mounting rail (DIN rail) according to EN 60715
Cable type and cross section	rigid and flexible cable, 1.5-2.5 mm ²
Degree of protection	IP20
Ambient temperature	-5 to +40 °C
Dimensions (W x H x D)	72 x 90 x 69 mm (4 WM width)
Weight	265 g

Load type	Operating mode 1 relay 1-8	Operating mode 2	
		relays 1, 2, 3, 5, 7, 8	relays 4, 6
ohmic load	10 A	8 A	16 A
incandescent lamp load	1500 W	1500 W	1500 W
self-ballasted lamps (LED/compact fluorescent lamp)	200 W	200 W	200 W
HV halogen lamps	1500 W	1500 W	1500 W
electronic transformers for NV halogen lamps	1500 W	1500 W	1500 W
iron core transformers for NV halogen lamps	1500 W	1500 W	1500 W
fluorescent lamps (uncompensated)	1500 W	1500 W	1500 W
fluorescent lamps (parallel compensated)	1500 W	1500 W	1500 W
electric radiators and other electric heating systems (ohmic load)	8 A	8 A	8 A

In operating mode 1, all outputs may be loaded with up to 10 A (maximum). In operating mode 2, the outputs 4 and 6 may be loaded with up to 16 A (maximum). In this case, all other channels may be loaded with up to 8 A.

Logistical data

Product reference	151677A0
EAN code	4047976516773
Short description	HmIPW-DRS8
Packing unit	45
Packing dimensions	122 x 112 x 97 mm
Weight incl. packaging	408.4 g

Package contents

Homematic IP Wired Switch Actuator – 8 channels

Bus connection cable (1x)

Bus blind plug (1x)

User manual