

AS-i Module for connection of EnOcean wireless sensors

AS-i AB Slave + Single Slave

AS-i Specification 3.0

Up to 780 EnOcean Slaves per AS-i circuit

Special colors and various designs available



(Figure similar)



Article no. BW2375 Housing white

Article no. BW2473 Housing black

Article no. BW2580 Housing with external fastening tabs and connector for an external antenna

The AS-i Slave for connection of EnOcean wireless sensors and wireless actuators meets the requirements of AS-i Specification 3.0. Up to 20 AS-i EnOcean Slaves to an AS-i circuit can be connected, each of which max. 31 PTM switching modules and 8 EnOcean sensors or actuators may be assigned. The signals of the 31 switching modules are transmitted in real-time not exceeding than 5 ms in the control. There is no switching delay as in other systems. The AS-i conductor can be connected via spring clamp terminals. Function LEDs indicate

the respective operating condition. EnOcean switches can be assigned both locally and via the controller a certain AS-i Module.

The visually appealing housing is suitable for installation in the visual range also in intermediate ceilings or intermediate bottoms.

Upon request, all housing colours and ornaments, including root wood or stainless steel, are possible.

| Article no. | BW2375 | BW2473 | BW2580 |
|--|--|--------|------------|
| Connections | | | |
| AS-i | spring clamp terminals | | |
| Properties | | | |
| AS-i Profile | S-7.3.8 (single slave) + S-7.A.5 (AB slave) | | |
| Operating voltage | 26,5 ... 31,6 V _{DC} | | |
| Quiescent current consumption (inputs = 0, outputs = 0) | ≤30 mA | | |
| Max. current consumption | 54 mA | | |
| Switch power supply | out of AS-i | | |
| Voltage range | 18 ... 30 V _{DC} | | |
| Connection ext. antenna | - | | SMA-socket |
| Displays | | | |
| LED ASI (green)) | LED on: voltage at the AS-i clamps is on LED flashing: voltage at the AS-i clamps, but slave address 0 (delivery status) | | |
| LED FAULT (red) | LED on: slave is not in cyclic data exchange (communication error) | | |
| LED TRF/PRG (yellow) | an EnOcean telegram is received | | |

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| Environment | | | |
| Applied standards | EN 61000-6-2 EN 61000-6-4 EN 60529 | | |
| Operating altitude | max. 2000 m | | |
| Ambient operating temperature | 0°C ... +55°C | | |
| Operating temperature | -25°C ... +70°C | | |
| Color | white | black | light grey |
| Housing | plastic, for screw mounting | | |
| Protection category | IP40 | | |
| Weight | 90 g | | 155 g |
| Dimensions (W / H / Din mm) | 110 / 110 / 38 | | 80 / 80 / 52 |

Programming

- Parameter bit Bit P1, P2, P3: not used
- Address preset 0: changeable via bus master or programming device

Accessories:

- External antenna (Art. no. BW2581)
- AS-i address programming device (Art. no. BW1191)
- Connecting cable (module/programming device) (Art. no. BW1802)