

Advanced Repeater from Ident. no. 12243

Extends networks an additional 100 m and allows networks of more than 1 km in combination with the AS-i Tuner or AS-i Bus Termination

Several advanced AS-i Repeaters can be operated in parallel

On-Board Diagnostics: displays power supply and AS-i communication errors separately

Requires no programming

Passive on the AS-i network (no slave address required)



Article no. BWU1273: AS-i Advanced Repeater IP65

Beside the power supply, the AS-i Repeater with On-Board-Diagnostics displays separately AS-i communication errors.

With the help of the advanced AS-i Repeaters (from Ident. no. 12243) two repeaters can be operated in combination with the

AS-i Tuner or AS-i Bus Termination in a row. Thus, circuit extension up to 1 km is possible. Furthermore it is permitted to use several parallel operating Advanced Repeaters.

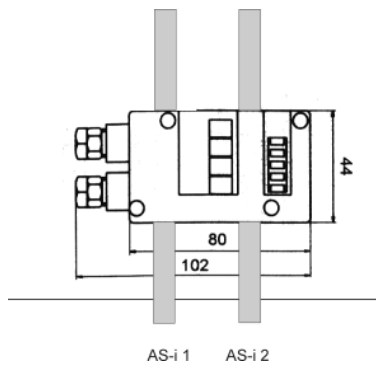
The AS-i Repeaters are compatible with all existing AS-i Repeaters.

Article no	BWU1273
Connection	
Connections	AS-i profile cable / AS-i round cable
AS-i	
Operating voltage	30 V (18 ... 31.6 V)
Operating current	60 mA (per network segment), 120 mA (total)
Quantity of needed power supplies	2
Display	
U AS-i1	AS-i power network 1
FLT1	AS-i communication error network 1
FLT2	AS-i communication error network 2
U AS-i2	AS-i power network 2
Environment	
Applied standards	EN 61000-6-2 EN 61000-6-3
Ambient operating temperature	-10 ... +55 °C
Storage temperature	-25 ... +75 °C
Pollution degree	2
Protection category according to EN 60 529	IP 65
Tolerable loading referring to humidity	according to EN 61131-2
Electromagnetic Sustainability	according to slave specification
Voltage of insulation	≥ 500 V

Note: the AS-i Repeater needs no slave address. The total amount of the slaves (31 respectively 62) per AS-i network remains the same. No programming required.

LEDs

1	U AS-i1
2	FLT1
3	free
4	FLT2
5	U AS-i2



Accessories:

- AS-i substructure module to connect 1 AS-i round cable, 1 round cable for AUX (Art. no. BW1183).
- AS-i substructure module is included in the scope of delivery (Art. no. BW1181).