

# AS-i High Power Repeater in IP20

## AS-i High Power Repeater for sliding contacts

Higher transmission and reception levels to High Power Segment A

To interference insensitive point-to-point connections

On-Board Diagnostics AS-i Fault and AS-i Power

Galvanic isolation

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



### Article No. BW2384 AS-i High Power Repeater for sliding contacts in IP20

The AS-i High Power Repeater for sliding contacts works with 3 x higher transmission and reception levels. The AS-i communication for sliding contacts gets considerably less sensitive to disturbances. AS-i is basically very inured to disturbances. The

interference resistance, for example, to parallel supply lines of converters is highly improved due to higher transmission and reception levels.

Article No.	BW2384
Connections	COMBICON clamps
AS-i voltage	26,5 ... 31,6 V via AS-i
Max. AS-i current consumption	60 mA in Segment B, 180 mA in Segment A, 240 mA (total)
Quantity of required AS-i power supplies	1 additionally (as any AS-i Repeater)
Voltage of insulation	≥ 500 V
Display	
PWR AS-i Seg.B (green)	Power AS-i Segmnt B
FAULT AS-i Seg.B (red)	Communication error Segment B
PWR High Power Seg.A (green)	Power High Power Segment A
FAULT High Power Seg.A (red)	Communication error High Power Segment A
TERM (yellow)	Bus termination High Power Segment A enabled
U > 26 V (green)	U High Power Segment A > 26 V
U > 18,5 V (yellow)	U High Power Segment A > 18,5 V
Applied standards	EN 61 000-6-2 EN 61 000-6-3
Ambient operating temperature	0 ... +55 °C
Storage temperature	-25 ... +75 °C
Protection category acc. EN 60 529	IP20
Electromagnetic sustainability	according to slave specification
Dimensions (L / W / H in mm)	114 / 22,5 / 99

#### Note:

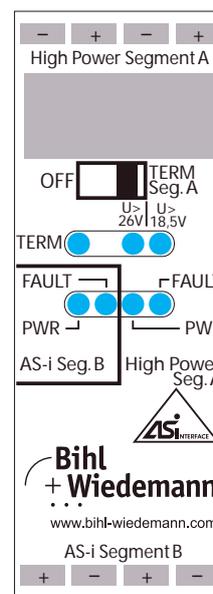
The AS-i High Power Repeater does not occupy any slave address. The total amount of the slaves (31 respectively 62) per AS-i network remains constant. No programming required.

#### Accessories:

- AS-i Power supply (art. no. BW1649)
- AS-i Bus termination (art. no. BWU1644)
- AS-i Tuner (art. no. BWU1648)
- AS-i Repeater in IP65 (art. no. BWU1273)
- AS-i Analyser (art. no. BW1415)
- AS-i Module for Power Decoupling (art. no BW2387)

#### Connections:

1	High Power A-
2	High Power A+
3	High Power A-
4	High Power A+
5	n.c.
...	...
12	n.c.
13	AS-i B+
14	AS-i B-
15	AS-i B+
16	AS-i B-



#### Hint:

Air circulation in the power supply may not be disturbed: therefore when mounting see that is at least 50 mm free space down/above and 30 mm free space left/right!