

AS-i Module for Power Decoupling

24 V DC (U_{AUX}) power supply out of AS-i
(1,2 A max. by 24 V)

in combination with an AS-i Repeater:
decouples 1,2 A from AS-i Segment B
and supplies Segment A with 1,2 A



Article no. BWU2387 AS-i Module for Power Decoupling

With the help of the AS-i Modules for Power Decoupling it is possible to take out up to 1,2 A current (approx. 24 V) out of AS-i. The help energy can be used for supply of ventilis or other consumers. With the help of the AS-i Module for Power Decoupling it may be waived of conducting additional 24 V help energy to bad accessible places.

In combination with a repeater it decouples 1,2 A from AS-i Segment B and supplies Segment A with 1,2 A.

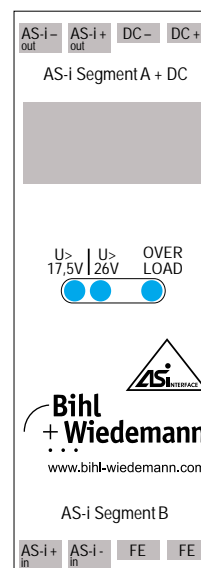
The impedance load of the module corresponds with that of 5 AS-i slaves. This reduces the maximum possible number of slaves for AS-i Segment B to 26 (Single) or 52 (AB).

The AS-i Module for Power Decoupling is short circuit proofed.

Article no.	BWU2387
Connections	COMBICON clamps
AS-i voltage	26,5 ... 31,6 V via AS-i
Max. AS-i current consumption	1,5 A
DC- / DC+	20 ... 30 V DC
Loading capacity	1,2 A
AS-i impedance	5 single slave load
OVERLOAD (red)	overload cut-off active
$U > 26$ V (green)	U AS-i Segment A > 26 V
$U > 17,5$ V (yellow)	U AS-i Segment A $> 17,5$ V
Applied standards	EN 61 000-6-2 EN 61 000-6-3
Operating temperature	-25 ... +55 °C
Storage temperature	-25 ... +70 °C
Protection category EN 60 529	IP20
Allowable shock and vibration stress	≤ 15 g, $T \leq 11$ ms 10 ... 55 Hz, 0,5 mm amplitude
Dimensions (L / W / H in mm)	114 / 22,5 / 99
Weight	-

Connections:

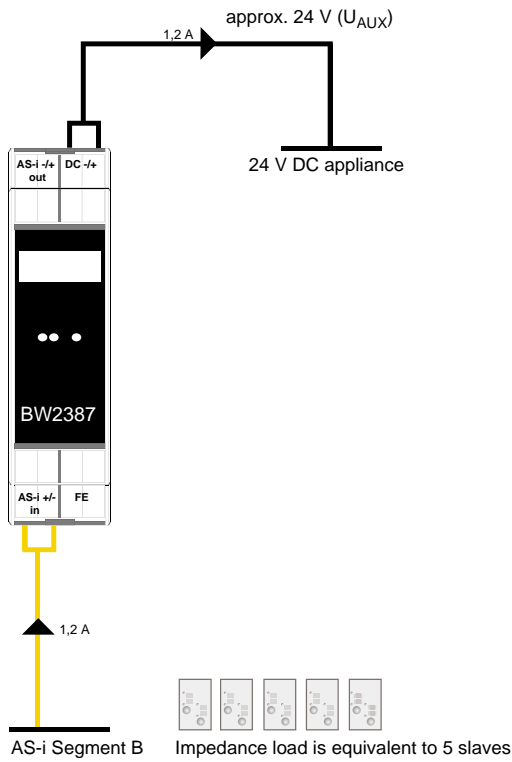
1	AS-i A-out
2	AS-i A+out
3	DC-
4	DC+
5	n.c.
...	...
12	n.c.
13	AS-i B+in
14	AS-i B-in
15	FE
16	FE



Terminals	Description
AS-i+, AS-i-	Connection to the AS-i bus
DC+, DC-	Voltage input, Voltage output
FE	Function earth

Connection examples:

1) 24 V DC (U_{AUX}) power supply out of AS-i(1,2 A max. at 24 V)



2) in combination with an AS-i repeater:
decouples 1,2 A from AS-i Segment B and supplies Segment A with 1,2 A

