

## Passive Distributor AUX

Connections for 2 x AUX profile cables  
to M12 power cable socket, straight, L-coded

1 x 8 A slow-blow fuse for AUX US +  
1 x 8 A slow-blow fuse for AUX UP



(figure similar)

For supply of decentralized frequency inverters



Figure	Type	Flat design, montage in cable duct possible <sup>(1)</sup>	Internal fuse <sup>(2)</sup>	Profile cable connection	Connection <sup>(3)</sup>	Round cable <sup>(4)</sup>	Special function	Protection category	Article no.
	IP67, 25 mm deep	yes, 25 mm deep	2 x 8 A slow blow fuses	2 x AUX (galvanically separated)	1 x M12 power cable socket, straight, L-coded, 4 poles	1 m	–	IP67	<b>BWU4247</b>

- (1) **Flat design, installation in cable duct possible**  
Modules with a flat housing design and with cables which exit the sides make these ideal for installation in cable ducts, cable channels, cable troughs, cable rails or cable trays. Please note the respective housing depth for your particular installation.
- (2) **Internal fuse**  
**2 x 8 A slow-blow fuses:** The internal protection is realized via 8 A slow-blow fuses for AUX U<sub>S</sub> and AUX U<sub>P</sub>.
- (3) **Connection:** further connection options are available on request.
- (4) **Cable:** other cable lengths are available on request.

Article No.	<b>BWU4247</b>	
<b>Connection</b>		
Profile cable connection	2 x AUX (galvanically separated) profile cable and piercing technology	
Connection	1 x M12 power cable plug, straight, L coded, 4 poles	
Round cable	1 m	
	max. allowed tensile strain 10 N	
Operating voltage	10 ... 32 V <sub>DC</sub> PELV	
Operating current	profile cable, piercing technology AUX U <sub>S</sub> ≤ 8 A AUX U <sub>P</sub> ≤ 8 A ≤ 8 A for AUX U <sub>S</sub> per M12 connection ≤ 8 A for AUX U <sub>P</sub> per M12 connection	
Internal fuse	1 x 8 A slow-blow fuse for AUX U <sub>S</sub> + 1 x 8 A slow-blow fuse for AUX U <sub>P</sub>	
<b>Visualisation</b>		
LED AUX US (green)	on: AUX tension at profile cable U <sub>S</sub> O.K.	
LED AUX UP (green)	on: AUX tension at profile cable U <sub>P</sub> O.K.	
LED AUX1 US (green)	on: tension AUX U <sub>S</sub> at connection 1 O.K.	
LED AUX1 UP (green)	on: tension AUX U <sub>P</sub> at connection 1 O.K.	

# Passive Distributor AUX, IP67, L-coded

<b>Article No.</b>	<b>BWU4247</b>
<b>Environment</b>	
Applied standards	EN 60529 EN 61000-6-2 EN 61000-6-3
Operating altitude	max. 2000 m
Ambient temperature	-30 °C ... +70 °C (1)
Storage temperature	-25 °C ... +85 °C
Housing	plastic, for screw mounting, suitable for cable ducts (depth ≥25 mm)
Pollution Degree	2
Protection category	IP67
Maximum tolerable shock and vibration stress	≤15g, T≤11 ms 10 ... 55 Hz, 0,5 mm Amplitude
Insulation voltage	≥500 V
Weight	75 g
Dimensions (W / H / D) in mm	60 / 45 / 25

(1) Down to -25 °C with flexibly mounted cable, -30 °C only with fixed mounted cable.

## Connections: M12 power cable socket, straight, L-coded

Article No.	M12 connection	Pin1 (BN)	Pin2 (WH)	Pin3 (BU)	Pin4 (BK)	
<b>BWU4247</b>	<b>X1</b>	AUX U <sub>S+</sub>	AUX U <sub>P+</sub>	AUX U <sub>S-</sub>	AUX U <sub>P-</sub>	

### Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)
- ASi profile cable (black) for additional auxiliary power, wire section 1,5 mm<sup>2</sup> (art. no. BW1980, BW2757)
- ASi profile cable (black) for additional auxiliary power, wire section 2,5 mm<sup>2</sup> (art. no. BW3169)