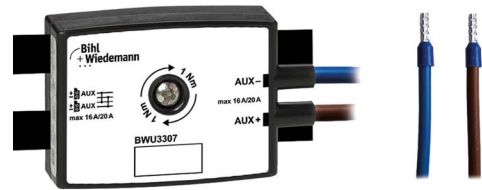


Passive Distributor AUX

Connections for 2 x AUX profile cables

- to connecting wires
- as profile cable branch



(figure similar)

Figure	Type	Flat design, montage in cable duct possible ⁽¹⁾	Internal fuse ⁽²⁾	Profile cable connection	Connection ⁽³⁾	Round cable ⁽⁴⁾	Special function	Protection category	Article no.
	IP67, 19 mm deep	yes, 19 mm deep	no	2 x AUX	2 x round cable / connecting wires 2,5 mm ²	2 m	infeed module	IP67	BWU3307
	IP67, 19 mm deep	yes, 19 mm deep	no	2 x AUX	profile cable branch	-	-	IP67	BWU3306

(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**

1 A, self-resetting: The internal protection is realized via self-resetting 1 A fuses for AUX. At each connection ≤1 A are available.

4 A slow-blow fuse: The internal protection is realized via 4 A slow-blow fuses for AUX U_S and AUX U_P. At each connection ≤4 A are available.

8 A slow-blow fuse: The internal protection is realized via 8 A slow-blow fuses for AUX. At each connection ≤8 A are available.

(3) **Connection:** further connection options are available on request.

2 x round cable / connecting wires 2,5 mm ²	profile cable branch
	 max. 16 A/20 A

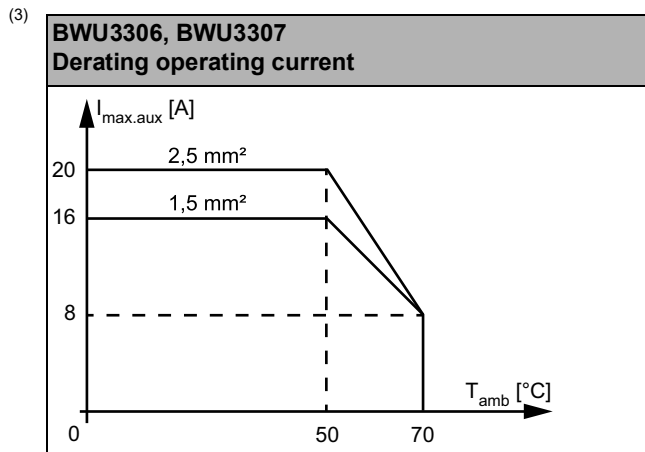
(4) **Cable:** other cable lengths are available on request.

Article No.		BWU3306	BWU3307
Connection			
Profile cable connection		2 x AUX profile cable and piercing technology	
Connection		profile cable branch	2 x round cable / connecting wires 2,5 mm ² /AWG14
Round cable		–	2 m max. allowed tensile strain 10 N
Operating voltage		10 ... 32 V _{DC} PELV ⁽¹⁾ 48 V _{DC} (45 ... 51 V) ⁽²⁾	
Operating current	up to +50 °C	profile cable and piercing: ≤16 A with 1,5 mm ² wire section ⁽³⁾ ≤20 A with 2,5 mm ² wire section ⁽¹⁾	
	at +70 °C	–	≤16 A with 1,5 mm ² wire section ⁽¹⁾ ≤20 A with 2,5 mm ² wire section ⁽¹⁾ for each round cable / connecting wires
		profile cable and piercing: ≤8 A ⁽¹⁾	
		–	≤8 A ⁽¹⁾ per round cable / connecting wires
Internal fuse		–	
Environment			
Applied standards		EN 60529 EN 61000-6-2 EN 61000-6-3	
Can be used in passively safe paths up to SIL3/PLe		yes ⁽⁴⁾	
Operating altitude		max. 2000 m	
Ambient temperature		-30 °C ... +50 °C (up to +70 °C) ⁽¹⁾⁽⁵⁾ , no condensation permitted	
Storage temperature		-25 °C ... +85 °C	
Housing		plastic, for screw mounting, suitable for cable ducts (depth ≥19 mm)	
Pollution Degree		2	
Protection category		IP67 ⁽⁶⁾	
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 / 19	

(1) Maximum operating voltage ≤30 V_{DC} according UL certificate for the use in the USA and Canada

(2)

	Notice
	48 V _{DC} must not be connected to: device with 24 V _{DC} operating voltage (see data sheet of the manufacturer) the ASi connection of the device the ASi gateway



- (4) The passive distributor is suitable for use in passively safe paths as it has no connection to any other potential (e.g. ASi).
- (5) Down to -25 °C with flexibly mounted cable, -30 °C only with fixed mounted cable.
- (6) Protection category IP67 can only be achieved, if also the cable connector fulfills IP67.

	Notice
	<p>After each opening of the module, such as after replacing a fuse, check for proper function and correct placement of the seals.</p> <p>Dirt, damage and/or shifting of the seals can compromise protection of the module against solid particles and liquids so that the specified protection category is no longer guaranteed.</p>

UL-specifications (UL61010)	
BWU3306, BWU3307	
External protection	An isolated source with a secondary open circuit voltage of $\leq 30 V_{DC}$ with a 3 A maximum over current protection. Over current protection is not required when a Class 2 source is employed.
In general	UL mark does not provide UL certification for any functional safety rating or aspects of the above devices.

Connections: round cable/connection wires					
Article No.	connection	BN	WH	BU	BK
BWU3307	X1	-	-	AUX-	-
	X2	AUX+	-	-	-

Connections: profile cable branch	
Article No.	
BWU3306, BWU3307	<div style="display: flex; align-items: center;"> </div> <p>max. 16 A/20 A</p>

Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)
- ASi profile cable (black) for additional auxiliary power, wire section 1,5 mm² (art. no. BW1980, BW2757)
- ASi profile cable (black) for additional auxiliary power, wire section 2,5 mm² (art. no. BW3169)
- AUX 48 V profile cable, EPDM, gray, 2 wires, 2.5 mm², 100 m (art. no. BW4243)