

Passive Distributor AUX

Connections for profile cables 2 x AUX

- to connecting wires
- to 4 x spring type terminals
- 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⁾	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	IP67	BWU3307
	IP67, 19 mm deep	yes, 19 mm deep	no	2 x AUX	profile cable branch	-	IP67	BWU3306
	IP20, 29 mm deep	yes, 29 mm deep	no	2 x AUX	4 x spring type terminals	-	IP20	BW3348

(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

4 A, changeable: The internal protection is realized via changeable 4 A fuses (slow-blow) for AS-i and AUX. At each M12 connection ≤4 A are available.

1 A, self-resetting: The internal protection is realized via self-resetting 1 A fuses for AS-i and AUX. At each M12 connection ≤1 A are available.

8 A slow-blow fuse + 1 A, self-resetting: The internal protection is realized via one 8 A slow-blow fuse for AUX and via one self-resetting 1 A fuse for AS-i. At each M8 connection (AUX) ≤6 A are available, at each M8 connection (AS-i) ≤1 A are available.

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

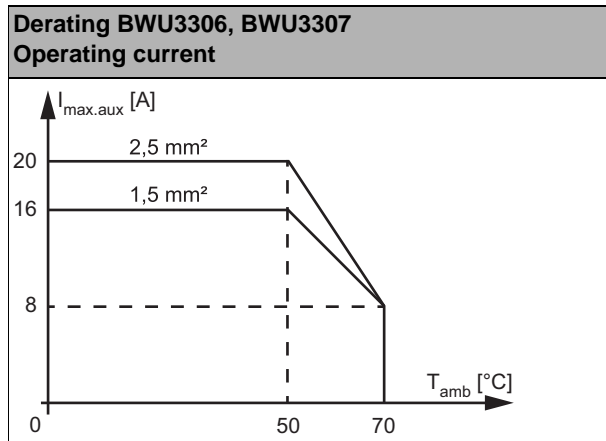
2 x round cable / connecting wires 2,5 mm ²	spring type terminals 2,5 mm ²	profile cable branch

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

Passive Distributor AUX, IP67, 16 A / 20 A

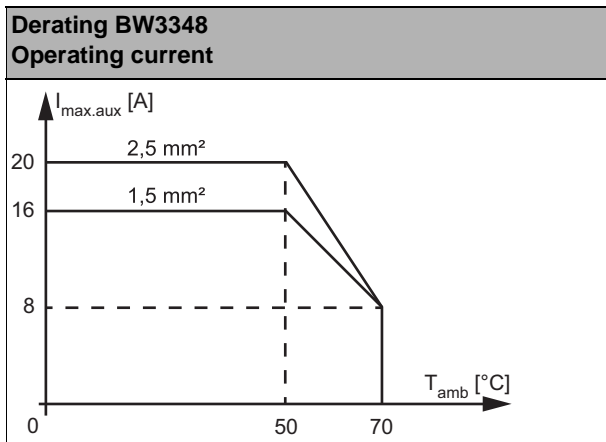
Article No.		BWU3306	BWU3307
Connection			
Profile cable connection		2 x AUX profile cable and piercing	
Connection		profile cable branch	2 x round cable / connecting wires 2,5 mm ² /AWG14
Round cable		–	2 m, max. allowed tensile strain 10 N
Operating voltage		10 ... 32 V _{DC} PELV	
Operating current	up to +50 °C	profile cable and piercing: ≤16 A with 1,5 mm ² wire section ⁽¹⁾ ≤20 A with 2,5 mm ² wire section ⁽¹⁾	
		–	≤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
	at +70 °C	profile cable and piercing: ≤8 A ⁽¹⁾	
		–	≤8 A ⁽¹⁾ je Rundkabel / Anschlusslitzen
Internal fuse		–	
UL-specifications (UL61010-1 and UL61010-2-201)			
External protection		An isolated source with a secondary open circuit voltage of ≤30 V _{DC} with a 3 A maximum over current protection. Over current protection is not required when a Class 2 source is employed.	
Environment			
Applied standards		EN 60529 EN 61000-6-2 EN 61000-6-3	
Operating altitude		max. 2000 m	
Ambient temperature		-30 °C ... +50 °C (up to max. +70 °C) ⁽¹⁾ , no condensation permitted	
Storage temperature		-25 °C ... +85 °C	
Housing		plastic, for screw mounting, suitable for cable ducts (depth 19 mm)	
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 / 19	

(1)



Article No.		BW3348
Connection		
Profile cable connection		2 x AUX profile cable and piercing
Connection		4 x spring type terminals; max. wire section 2,5 mm ² /AWG14
Round cable		–
Operating voltage		10 ... 32 V _{DC} PELV
Operating current	up to +50 °C	profile cable and piercing: ≤16 A with 1,5 mm ² wire section ⁽¹⁾ ≤20 A with 2,5 mm ² wire section ⁽¹⁾
		≤16 A with 1,5 mm ² wire section ⁽¹⁾ ≤20 A with 2,5 mm ² wire section ⁽¹⁾ for each terminal
	at +70 °C	profile cable and piercing: ≤8 A ⁽¹⁾ ≤8 A ⁽¹⁾ for each terminal
Internal fuse		–
Environment		
Applied standards		EN 60529 EN 61000-6-2 EN 61000-6-3
UL certified		no
Operating altitude		max. 2000 m
Ambient temperature		-30 °C ... +50 °C (up to max. +70 °C) ⁽¹⁾ , no condensation permitted
Storage temperature		-25 °C ... +85 °C
Housing		plastic, for screw mounting, suitable for cable ducts (depth 29 mm)
Protection category		IP20
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 / 29

⁽¹⁾



	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>

Connections: round cable/connecting wires					
Article No.	Connection	BN	WH	BL	BK
BW3307	X1	-	-	AUX-	-
	X2	AUX+	-	-	-

Connections: profile cable branch	
Article No.	
BW3306	<div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> </div> </div> <p style="margin-left: 20px;">max. 16 A/20 A</p>

Connections: spring type terminals				
Article No.	X1.1	X1.2	X1.3	X1.4
BW3348	AUX ₁ -	AUX ₁ +	AUX ₂ -	AUX ₂ +

Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)
- AS-i profile cable (black) for additional auxiliary power, wire section 1,5 mm² (art. no. BW1980, BW2757)
- AS-i profile cable (black) for additional auxiliary power, wire section 2,5 mm² (art. no. BW3169)