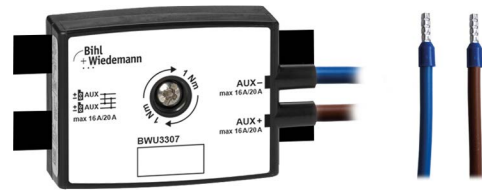


Passive Distributor AUX

Connections for 2 x AUX 24 V, 16 A/20 A 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 24 V, 16 A/20 A	2 x connecting wires 2,5 mm ²	2 m	infeed module	IP67	BWU3307
	IP67, 19 mm deep	yes, 19 mm deep	no	2 x AUX 24 V, 16 A/20 A	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.

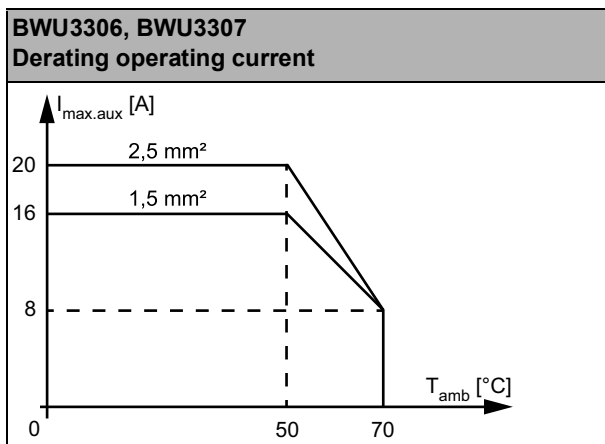
2 x connecting wires 2,5 mm ²	profile cable branch

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

Article No.	BWU3306		BWU3307
Connection			
Profile cable connection	2 x AUX 24 V, 16 A/20 A, profile cable and piercing technology (internally bridged)		
Connection	profile cable branch	2 x connecting wires 2,5 mm ² /AWG14	
Round cable	-		2 m
	max. allowed tensile strain 10 N		
Operating voltage	AUX: 24 V _{DC} (10 ... 32 V _{DC} PELV) ⁽¹⁾		
Operating current	up to +50 °C	profile cable and piercing: ≤16 A with 1,5 mm ² wire section ⁽²⁾ ≤20 A with 2,5 mm ² wire section ⁽²⁾	
		-	≤16 A with 1,5 mm ² wire section ⁽²⁾ ≤20 A with 2,5 mm ² wire section ⁽²⁾ for each round cable / connecting wires (Σ round cable / connecting wires ≤20 A)
	at +70 °C	profile cable and piercing: ≤8 A ⁽²⁾	
		-	≤8 A ⁽²⁾ per connecting wire (Σ connecting wire ≤8 A)
Internal fuse	-		
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. +70 °C) ⁽²⁾⁽³⁾ , 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 ⁽⁴⁾		
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)



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

(4) Protection category IP67 can only be achieved, if also the cable connector fulfills IP67.

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: connecting wires					
Article No.	connection	BN	WH	BU	BK
BWU3307	X1	-	-	AUX-	-
	X2	AUX+	-	-	-

Connections: profile cable branch	
Article No.	
BWU3306, BWU3307	 max. 16 A/20 A

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)