

## Passive Distributor AUX

### Connections for 2 x AUX 48 V, 16 A/20 A profile cables

- as profile cable branch



(figure similar)

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, 19 mm deep	yes, 19 mm deep	no	2 x AUX 48V, 16 A/20 A	profile cable branch	–	–	IP67	<b>BWU4961</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**

**1 A, self-resetting:** The internal protection is realized via self-resetting 1 A fuses for AUX. At each connection  $\leq 1$  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  $\leq 4$  A are available.


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

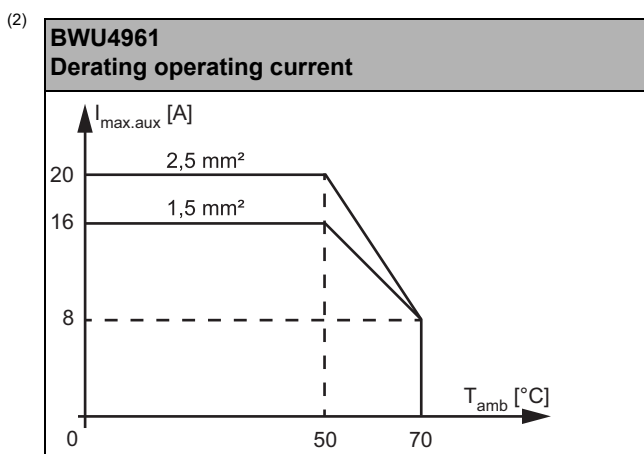
(3) **Connection:** further connection options are available on request.

2 x connecting wires 2,5 mm <sup>2</sup>	profile cable branch
	  <b>max. 16 A/20 A</b>

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

<b>Article No.</b>		<b>BWU4961</b>
<b>Connection</b>		
Profile cable connection	2 x AUX 48V, 16 A/20 A, profile cable and piercing technology (internally bridged)	
Connection	profile cable branch	
Round cable	-	
Operating voltage	AUX: 48 V <sub>DC</sub> (33 ... 52 V <sub>DC</sub> PELV) <sup>(1)</sup>	
Operating current	up to +50 °C	profile cable and piercing technology: ≤16 A with 1,5 mm <sup>2</sup> wire section <sup>(2)</sup> ≤20 A with 2,5 mm <sup>2</sup> wire section <sup>(2)</sup>
	at +70 °C	profile cable and piercing technology: ≤8 A <sup>(2)</sup>
Internal fuse	-	
<b>Environment</b>		
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) <sup>(2) (3)</sup> , 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 <sup>(4)</sup>	
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	


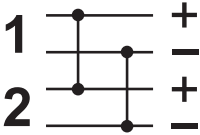

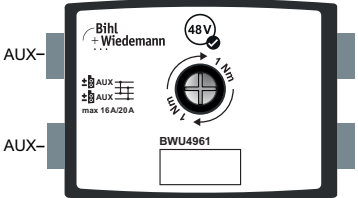
(1)  **Notice**  
 48 V<sub>DC</sub> **must not** be connected to:  
 device with 24 V<sub>DC</sub> operating voltage (see data sheet of the manufacturer)  
 the ASi connection of the device  
 the ASi gateway



(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.

# Passive Distributor AUX, IP67

Connections: profile cable branch		
Article No.		
BWU4961	 max. 16 A/20 A	
		

### Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)
- AUX 48 V profile cable, EPDM, gray, 2 wires, 2.5 mm<sup>2</sup>, 100 m (article no. BW4243)