

Connection for profile cables, 2 x ASi,
as profile cable branch

with self-resetting 2 A fuse



(figure similar)



Figure	Type	Flat design, montage in cable duct possible	Internal fuse ⁽¹⁾	Profile cable connection	Connection ⁽²⁾	Round cable ⁽³⁾	Protection category	Article no.
	IP67, 19 mm deep	yes, 19 mm deep	2 A, self-resetting	2 x ASi	profile cable branch	-	IP67	BWU4730

(1) **Internal fuse**

2 A, self-resetting: The internal protection is realized via self-resetting 2 A fuses between the two ASi profile lines. On the secondary side ≤2 A are available.

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

M12 cable socket, angled	M12 cable socket, straight	M8 cable socket, straight	round cable / connecting wires	profile cable branch
PUR line: oil resistant				

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

Under normal conditions (no bus termination or repeater), the permissible total length of the **ASi segment is max. 100 m**. The calculation should take into consideration that the length of the connection cable (**round cable**) for each connected **Passive Distributor** must be **doubled**. In the case of the **Active Distributors** (ASi slaves) however only the **one** ASi profile cable is counted.

Article No.	BWU4730
Connection	
Profile cable connection	2 x ASi profile cable and piercing (internally bridged)
Connection	profile cable branch
Round cable	-
Operating voltage	10 ... 32 V _{DC} PELV
Operating current	≤8 A at profile cable ASi ≤2 A at profile cable ASi (F)
Internal fuses	2 A self-resetting fuse (F) at profile cable branch ASi to ASi (F)
Max. switch-off delay	approx. 20 ms (depending on the connected capacitive load)
Display	
LED ASi (green)	on: ASi voltage at profile cable ASi OK
LED ASi (F) (green)	on: secured ASi voltage at profile cable ASi (F) OK

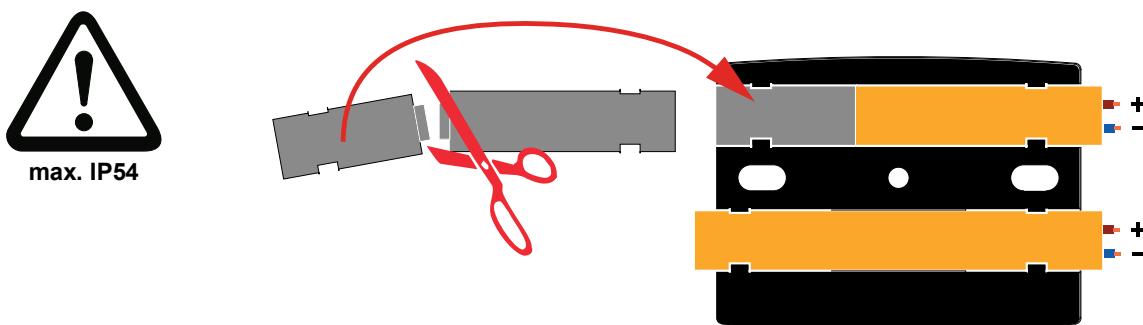
Article No.	BWU4730
Environment	
Applied standards	EN 60529 EN 61000-6-2 EN 61000-6-3
Can be used in passively safe paths up to SIL3/PLe	yes (1)
Operating altitude	max. 2000 m
Ambient temperature	-30 °C ... +70 ° (2)
Storage temperature	-25°C ... +85 °C
Housing	plastic, for screw mounting, suitable for cable ducts (installation depth ≥19 mm)
Pollution Degree	2
Protection category	IP67
Tolerable loading referring to humidity	according to EN 61131-2
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) The passive distributor is suitable for use in passive safe paths as it has no connection to an AUX potential.

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

Connections: profile cable branch	
BWU4730	

Line termination with sealing profile



Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)