

### IP68 solution without cable glands

JuBox boxes, used in combination with Etelec insulating fillers, allows to reach an **IP68 protection degree rating without the use of cable glands**

## KEY FEATURES

- Versatility:  
IP66 by perforating membranes;  
IP67 with cable glands  
(which automatically remove the membrane) without locking nuts;  
**IP68 with Etelec filler and no cable glands**
- Easy and quick installation:  
no special tools needed
- Compact design
- For both indoor or outdoor
- Weathering, ozone and UV resistant

## FEATURES

- Polypropylene (PP) shell, with thermoplastic elastomeric (TPE) flexible seals and membranes
- Cable entries with **flexible self-sealing perforation membranes and thread for optional cable glands without locking nuts**
- Cable back entries with flexible self-sealing perforation membranes (except JuBox 2)
- Integrated cover locking screws, quick stroke, in plastic material
- 4 rear fixing holes
- Mounting bracket with quick-connect clip included

Compliant to Low Voltage Directive 2014/35/EU (LVD) in accordance with **EN 60670-1**  
**EN 60670-22**

Degree of protection (EN 60529)

**IP66**

**IP67** with the use of cable glands  
**IP68 (15 metri)** with the use of filler and without the use of cable glands

Flame retardant (Glow-wire test)  
**750 °C**

Operating temperature range  
**-30 °C / +100 °C**

Installation temperature  
**-5 °C / +60 °C**

Cable diameter (see table)  
**3 - 17 mm**

Integrated threading for cable gland (see table)  
**M20 × 1,5**  
**M25 × 1,5**



**IP68**  
with Etelec® fillers


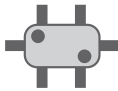

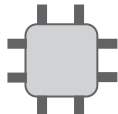

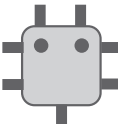

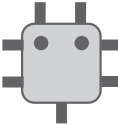


Compliant to Directive EU 2015/863 (RoHS 3)































Halogen free



watch  
video



















ref.	item	dimensions L × P × H (mm)	cable openings			volume (liters)	pkg. (pcs)	min. / mult. ord. q.ty (pcs)
			position	thread	cable diameter (mm)			
	<b>JBX049</b> JUBOX 1	85 × 49 × 51		M20	3 – 12	0,10	4	4
	<b>JBX085</b> JUBOX 2	85 × 85 × 51		M20	3 – 12	0,20	2	2
	<b>JBX095</b> JUBOX 3	95 × 95 × 60		M20	3 – 12	0,32	2	2
	<b>JBX110</b> JUBOX 4	110 × 110 × 66		M20 (rear)  M25 (side)	5 – 17	0,55	1	1

Application hints

	Suggested number and type of lever connectors	connection type				
		straight	branch	2x straight	straight + branch	2x branch
cable formation (max cores no. × max cross-section)						
<b>JuBox 1</b>						
	3 ×  (4 mm <sup>2</sup> - 3 ways)	 2,5 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	-	-	-
<b>JuBox 2</b>						
	4 ×  (4 mm <sup>2</sup> - 3 ways)	 2,5 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	-
<b>JuBox 3</b>						
	6 ×  (4 mm <sup>2</sup> - 3 ways)	 2,5 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	 2,5 mm	 2,5 mm	 2,5 mm
<b>JuBox 4</b>						
	8 ×  (4 mm <sup>2</sup> - 3 ways)	 4 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	 4 mm <sup>2</sup>	 2,5 mm <sup>2</sup>	 2,5 mm <sup>2</sup>
	8 ×  (6 mm <sup>2</sup> - 3 ways)	 6 mm <sup>2</sup>	 6 mm	 6 mm <sup>2</sup>	 6 mm <sup>2</sup>	 6 mm <sup>2</sup>

**NOTE** - Straight connections are also achievable with 2-ways lever connectors

Application hints

		connection type	
		4-way branch	5-way branch
Suggested number and type of lever connectors			
		cable formation (max cores no. × max cross-section)	
<b>JuBox 1</b>			
	-	-	-
<b>JuBox 2</b>			
	3 ×  (4 mm <sup>2</sup> - 5 ways)	 1,5 mm <sup>2</sup>	 1,5 mm <sup>2</sup>
<b>JuBox 3</b>			
	3 ×  (4 mm <sup>2</sup> - 5 ways)	 2,5 mm <sup>2</sup>	 1,5 mm <sup>2</sup>
<b>JuBox 4</b>			
	3 ×  (4 mm <sup>2</sup> - 5 ways)	 4 mm <sup>2</sup>	 4 mm <sup>2</sup>
	3 ×  (6 mm <sup>2</sup> - 5 ways)	 6 mm <sup>2</sup>	 6 mm <sup>2</sup>