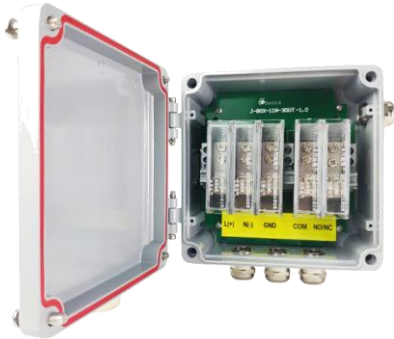


# JB1X-PDB/DIN Series Junction Box for Obstruction Lights

For connecting  $\geq 5$  obstruction lights' power or alarm wires

JB1X-PDB



JB1X-DIN



## OVERVIEW

JB1X-PDB/JB1X-DIN series junction box is an ideal solution for connecting more than four obstruction lights' power or alarm wires in parallel.

This series junction box's enclosure is powder painted aluminum alloy. With nickel-plated brass cable glands and an o-ring silicone gasket, the junction box's protection grade is IP65.

JB1X-PDB contains multiple 1-IN and multiple-OUT power distribution terminal blocks, which allow users to connect over four obstruction lights in parallel into one input. JB1X-DIN contains multiple DIN-rail terminals and pre-plugged jumpers to combine multiple outputs in parallel.



For example, there are one F864 medium intensity beacon and four OL32 low intensity sidelights in an obstruction lighting system. If monitoring obstruction lights via dry alarm relay is not needed, connecting all the five lights' power outputs in parallel to one is required. In this case, JB15-PDB/DIN is capable of connecting all five lights' power wires into one power input.

## FEATURES

- Suitable for connecting over four obstruction lights' power/alarm wires in parallel
- Aluminum alloy enclosure powder coated provides good weather and corrosion resistance
- Internal distribution terminals/DIN-rail terminal connected in parallel, no need for terminal jumpers
- Nickel-plated brass cable glands and o-ring gasket provide IP65 waterproof protection



## SPECIFICATIONS

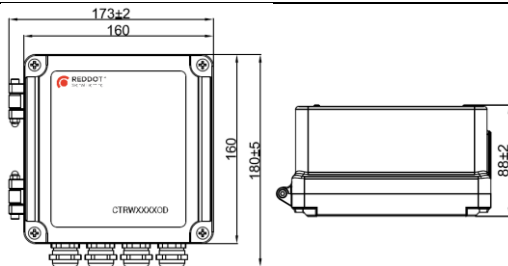
Item		JB1X-PDB	JB1X-DIN
			
OPERATION	Terminal type	Distribution terminal block	DIN-rail terminal block
	Number of Terminals	3 (1 input and multiple outputs/ block)	Number of OB outputs * 3
	Number of ways		≥6
	Number of OB Outputs		≥5
	Number of OB Inputs		1
MECHANICAL STRUCTURE	Enclosure Type	Die-casting aluminum	
	Number of Cable Glands	Number of OB outputs +1	
	Size of Cable Glands	M20/M25, Nickel plated brass	
	Protection	IP65	
	Net Weight	1KG	
	Dimension (H*W*Depth)	180mm*173mm*88mm	
	Mounting	Wall mounting / Ubolt mounting	
APPLICATION	Applicable for	≥5 OBL's power wires connecting in parallel to one power input or ≥5 OBL's alarm wires connecting in parallel to one power input	

## ORDERING CODE

Series	Number of Outputs	Terminal type
JB1	Variable	PDB (Distribution block terminals) DIN (DIN-rail terminals)

E.g.: JB15-PDB = Junction box for five obstruction lights, 6 ways, with 1 input and 5 outputs

## DIMENSIONS



## MOUNTING

### • Wall Mounting



### • U-bolt Mounting



figure 5.



## APPLICATION EXAMPLES

- JB15-DIN junction box connecting one OL32D double and four OL32S single lights

