

OBSTRUCTION LIGHT POWER SUPPLY

MAIN DISTRIBUTION BOARD

FOR HIGH INTENSITY LIGHTS

01. DESCRIPTION

High Intensity Controllers must be used to power and monitor DELTA BOX High Intensity Lights. These cabinets are configured based on the number of associated beacons and can manage up to four beacons. They include a control board and a combined "command + generator" board per beacon.

At the cabinet outlet, there is a cable gland outlet per beacon to connect the power cable (16-core for an LHIA beacon, 8-core for an LHIB beacon) to the high-intensity beacon connection boxes.

Our high-intensity beacon cabinets can also be configured as a master cabinet with a connected photocell and/or GPS module to manage intensity changes and/or flash synchronization for all beacons in the same installation.

02. FEATURES

- Material: Painted steel (standard)
- Input lightning protection
- Protection class: IP66
- Failure alarm contacts integrated
- Photocell and GPS in option
- 1 ON/OFF switch

03. MODELS

REFERENCE	DIMENSIONS*	QTY OF LIGHTS	QTY OF CONTROL CARDS	QTY OF INTELLIGENCE CARDS + GENERATOR CARDS	QTY OF POWER SUPPLY DRIVERS
AA-LHIA-A230	500x400x210mm	1 x LHIA	1	1	1
AA-2LHIA-A230	800x600x250mm	2 x LHIA	1	2	1
AA-3LHIA-A230	800x600x250mm	3 x LHIA	1	3	1
AA-4LHIA-A230	1000x800x300mm	4 x LHIA	1	4	2
AA-LHIB-A230	500x400x210mm	1 x LHIB	1	1	1
AA-2LHIB-A230	700x500x250mm	2 x LHIB	1	2	1
AA-3LHIB-A230	700x500x250mm	3 x LHIB	1	3	1
AA-4LHIB-A230	800x600x250mm	4 x LHIB	1	4	1

* Dimensions can vary.

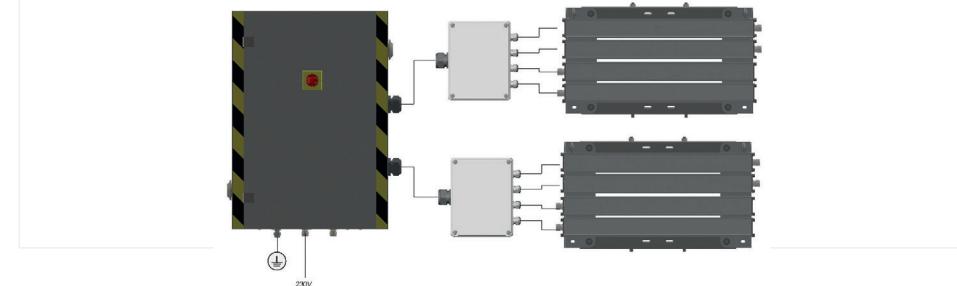
04. SPARES

REFERENCE	DESCRIPTION
2A0106	Control Card for HI lights
2A0224	Combined Generator + Intelligence card for HI type A
2A0230	Combined Generator + Intelligence card for HI type B

05. CHARACTERISTICS OF CONTROLLERS

TECHNICAL CHARACTERISTICS	
ELECTRICAL	
Input Standard Voltage	110-240VAC
Output Standard Voltage	48VDC
MECHANICAL	
Control Panel Material	Painted Steel
Fixation	Wall mounting brackets
ENVIRONMENTAL	
Humidity	100%
Frost	-60°C
Wind speed	160 km/h
Protection Class	IP66
CERTIFICATIONS	
CE	EN60947-1 ; CEI60364, NF C15-100 ; 2014 / 35 / UE
Quality	ISO 9001: 2015
WARRANTY	
Warranty Period	2 years
OPTIONS	
Panel in Stainless Steel	✓
Extra Luminous Indicator on the front	✓
Various inputs for beacons	✓
Battery backup	✓
Photocell and GPS	✓

EXAMPLE OF CONFIGURATION



SCOPE OF APPLICATIONS

