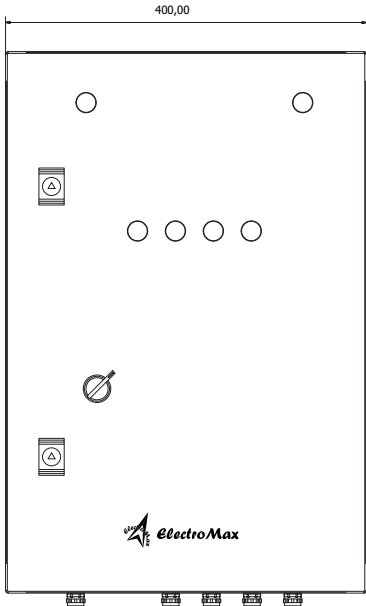
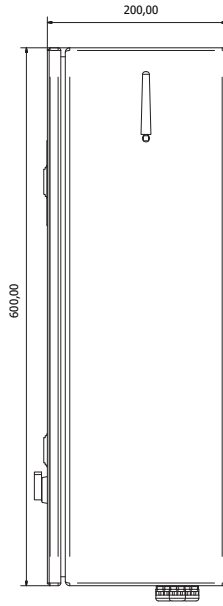


Obstruction Light Controller



<p>Compliance to standards</p>	<p>EMC emission: EN55032 (CISPR32) Class B EN61000-3-2 Class A, EN61000-3-3, EAC TP TC 020</p> <p>EMC immunity: EN61000-4-2,3,4,5,6,8,11 EN55024, light industry level, criteria A EAC TP TC 020</p> <p>SR EN 61439-1: 2012 Low-voltage switchgear and controlgear assemblies Part 1: General rules</p> <p>SR EN 61439-2: 2012 Low-voltage switchgear and controlgear assemblies. Power switchgear and controlgear assemblies assemblies</p> <p>SR EN 60204-1: 2007 - AC: 2013 Safety of machinery Electrical equipment of machines - Part 1: General requirements</p>
<p>Application</p>	<p>Power source for obstruction lights used for marking obstacles, such as: towers, buildings, antennas.</p>
<p>Features</p>	<p>Designed and built with simplicity and ease of maintenance in mind. Device used to control and provide the power requirements of medium and low intensity beacons. Test button for monitoring all fixtures.</p>

Product Code	<p>AL - OBS - 19 - AX</p> <p>Series Indicator (Airfield Lighting) AL</p> <p>Category (Obstruction Lighting) OBS</p> <p>Product Indicator 19</p> <p>19 - Obstruction Light Controller</p> <p>Description of product type (accessory) AX</p>
Description	<p>Housing - powder-coated metal (gray)</p> <p>Cable gland - nickel plated brass</p> <p>The photocell is mounted on the front panel of the controller.</p> <p>The power supply controller is equipped with a test switch (this option is for medium intensity only).</p>
Environment	<p>Temperature range: - 40° to +55°</p> <p>Degree of protection: IP 66</p>
Mechanical Characteristics	<div> <p>Dimensions: 600 x 400 x 200 mm</p>  </div> <div> <p>Weight: 18 kg</p>  </div>

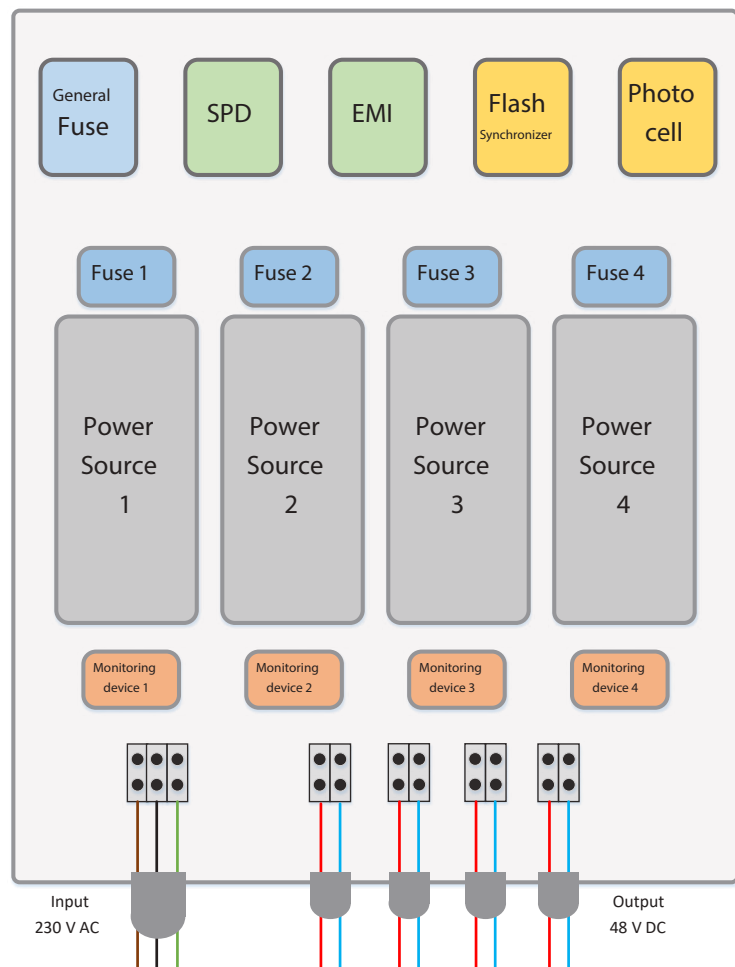
Electrical Characteristics

Input voltage 230VAC (90 - 305VAC, 47 - 63Hz complete range).
Output voltage max. 48VDC for Medium Intensity Obstruction Lights.
 230 V AC for Low Intensity Obstruction Lights.

Protections Short circuit
 Over load
 Over voltage
 Surge protection
 EMI Filte

Recommendation: Used cable for power up the obstruction lights must be at least 2,5 mm².

Example: Controller for 4 pcs. Medium Intensity Obstruction Lights.



Options

Options to consider before ordering:

Flashing or steady (this option is for medium intensity only) Number of medium intensity obstruction lights that will be powered from controller.

With or without monitoring and alarm system (this option is for medium intensity only).





Types of beacons powered from the controller low and / or medium intensity obstruction lights (for low intensity - 230 V AC and optional the photocell can be incorporated in the fixture).

An UPS can be added to the system to compensate for the lack of mains. The autonomy can be established depending on the system.

The controller can be equipped with PCFL DIP switches for adjusting:

1. the flash rate: steady burning, 20 fpm, 40 fpm and 60 fmp
2. the photocell: OFF (light always on), 200lx, 400lx and 800lx

PCFL DIP switches

DIP 1	DIP 2	PHOTOCELL	OFF	ON	DIP 3	DIP 4	FLASH RATE
OFF	OFF	OFF (light always ON)	1		OFF	OFF	STEADY BURNING
ON	OFF	200lx	2		ON	OFF	20 fpm
OFF	ON	400lx	3		OFF	ON	40 fpm
ON	ON	800lx	4		ON	ON	60 fpm

Default DIP settings
800lx, steady burning

Accessory

To order accessories please call our customer support.
For contact details please refer to our website - www.signalight.com



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