

POWER EQUIPMENT

Regulator Cubicle

COSAL



Specification

The ADB SAFEGATE Control System for Airfield Lighting – COSAL is used for supplying, controlling and monitoring series circuits.

The regulator cubicle serves for accommodating the 19" drawer units of the COSAL system.

Construction

The top section of the regulator cubicle has space for up to 8 drawer levels, which can be fitted with different functions in any desired sequence.

The following functions are provided:

- Constant-current regulator CCRE (different variants)
- Insulation resistance measuring system IME
- Lamp failure measuring system CAS
- Switching drawer CU

The entire power supply equipment is located in the bottom section.

Besides the fuses for the power supply, the terminals for connecting the series circuits and the control system are also installed here.

Optimum interference immunity is assured by stringent topographical separation between the power and control connections.

Cable entry is from below as standard. For heat dissipation, a fan under the raised roof is utilized as needed.

Technical Features

Can be expanded at will with additional cubicles from the COSAL system for all requisite stages of upgrading.

All components are accessible from the front of the cubicle.

This

- makes for enhanced service-friendliness
- permits retrofit jobs
- enables the cubicle to be space-savingly wall-mounted
- minimized cabling requirement
- easy installation and maintenance
- earthquake-proof version available on request.

Technical Data

Degree of protection:	IP20, EN 60529
Dimensions (H x W x D):	2200 x 600 x 600 mm
Weight ¹ :	empty: approx. 100 kg, with equipment max.: approx. 210 kg.
Standard color ² :	RAL 7035
Ventilation ³ :	Convection

Notes

- ¹ Depends on the equipment installed.
- ² Other colors are available on request.
- ³ The fan is located in the roof sheet.