

## Transformer Cubicle

COSAL



### Specification

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

The transformer cubicle, part of the COSAL system, serves to accommodate the transformer modules for supplying the series circuits

### Construction

The transformer cubicle can accommodate up to 5 transformer modules.

Besides the 9 transformer sizes standardized in IEC 61822, customized transformer modules from 0.6 to 35 kVA are also available.

Up to a rating of 10 kVA, the module frames slide on angular steel profiles, and are arrested by means of screws. For higher ratings, the transformer modules are permanently installed.

A plexiglass pane in front of each module serves as shock-hazard protection. At the sides, the individual cubicles are partitioned by perforated sheeting.

Cable entry is from below as standard. To facilitate heat dissipation, the roof cover has been raised.

### 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-savily 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 <sup>1</sup> :	empty: approx. 100 kg, with equipment max.: approx. 600 kg.
Standard color <sup>2</sup> :	RAL 7035
Ventilation:	Natural convection

#### Notes

<sup>1</sup> Depends on the equipment installed.

<sup>2</sup> Other colors are available on request.