

# SCSA by GRP

AGL AUTOMATIC CUT-OUT SYSTEM

THE SYSTEM IS THE OUTCOME OF MORE THAN 20 YEARS EXPERIENCE DEALING WITH INSTALLING AND MAINTAINING AIRPORT AGL INFRASTRUCTURES.



## A MAINTENANCE SAFETY SYSTEM:

THE SCSA SYSTEM IS DESIGNED TO ALLOW AIRPORT MAINTENANCE TECHNICIANS TO WORK SAFELY ON AGL POWER CIRCUITS. THIS HIGH VOLTAGE ENVIRONMENT REQUIRES SPECIAL CARE IN PUTTING THE SYSTEM IN SAFETY IN ORDER TO ENABLE TECHNICIANS TO OPERATE EFFICIENTLY. THE SYSTEM WILL CUT-OUT THE LOAD FROM THE CCR, SHORT CIRCUIT AND GROUND THE AIRFIELD LIGHTING CIRCUIT IN ORDER TO DECOMMISSION THE AGL INSTALLATION AND GUARANTEE SAFE MAINTENANCE OPERATION, IT WILL ALSO AVOID ANY UNEXPECTED RE-COMMISSIONING THAT COULD LEAD TO INCIDENT.



## SYSTEM'S OWN SUPERVISION

AS A SAFETY COMPONENT, THE SYSTEM IS CONSTANTLY ASSESSING ITS OWN BEHAVIOUR AND WILL REPORT ANY FAILURE, SO THAT THE MAINTENANCE TEAM CAN DEAL WITH THE PROBLEM AND KEEP OPERATING SAFELY ON THE LIGHTING CIRCUITS. ANY UNSAFE SITUATION WILL GENERATE AN ALARM AND STOP TECHNICIANS TO PROCEED FURTHER TAKING RISKS AVOIDING POTENTIAL HAZARDOUS SITUATIONS.

## AUTHORISATION MANAGEMENT

ALL AUTHORISED PERSONNEL ARE REGISTERED IN AND GIVEN ACCESS TO THE SYSTEM. RIGHTS TO ALLOW OR NOT OPERATION CAN BE MANAGED SO THAT ONLY QUALIFIED AND TRAINED PEOPLE CAN OPERATE THE SYSTEM. A PASSWORD PROCEDURE, GUARANTEE THAT ONLY THE OPERATOR THAT DECOMMISSIONED A CIRCUIT FOR INTERVENTION CAN COMMISSION THE SYSTEM AGAIN ONCE ALL ACTIVITY IS COMPLETED. THE SYSTEM ENABLE THE OPERATOR TO DECOMMISSION THE INSTALLATION EITHER LOCALLY OR FROM REMOTE DEPENDING ON SERVICE REQUIREMENTS, AND HE CAN DO SUCH WITH THE SAME SAFETY LEVEL.



**GRP ILUMINACION, S.A.**

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