

SHUBRA MASJED

CAIRO, EGYPT

ADMINISTRATION

OVERVIEW

Shubra is a busy metropolitan district of Cairo, Egypt. Densely populated, this area between the Nile and the larger districts in the northern part of Cairo is dotted with churches, mosques, and people. The new Shubra Masjed is one of the biggest mosques in Cairo and has facilities for men's and women's prayers, special events, washing, and a future clinic.

PROJECT DETAILS

Reliable Controls Authorized Dealer A to Z Engineering Solutions installed a MACH-System in the Shubra Masjed, making this new building the first automated mosque in Shubra.

The project integrates two MACH-Pro1 controllers and a SMART-Sensor EPD with a front light, two inputs, and two outputs installed in an enclosure, networked using RC-Studio software to operate the building's mechanical equipment.

The mechanical equipment controlled includes chilled water systems, three air handling units, and three pumps. Three fan coil units were installed and are monitored by the system.

A to Z Engineering Solutions was able to meet the client's need for significant energy savings with a limited number of integrated points. Reliable Controls and A to Z Engineering Solutions are very pleased to have helped in the commissioning of the first automated mosque in the Shubra area.

To learn more about projects using Reliable Controls, visit www.reliablecontrols.com/projects/overview.



PROJECT TYPE:
New construction

TOTAL AREA:
500 m² (5,381 ft²)

INSTALLATION TYPE:
Chiller, HVAC

EQUIPMENT INSTALLED:
2 MACH-Pro1™
1 SMART-Sensor™ EPD
RC-Studio®

NETWORK:
EIA-485

PROTOCOL:
BACnet®

POINTS:
35

RELIABLE CONTROLS DEALER:
A to Z Engineering Solutions

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