

DEXTRO WIRING GUIDELINE

Eden Apartment no.: Apartment 612

Revised Date: 09/03/2023

Electrical Points under General Electrical Policy

1. MOTION SENSORS, EMERGENCY CALL BUTTON, PANIC BUTTON, BUZZER, BELL AND TELEPHONE POINTS to be wired as per the general electrical policy of EDEN.
2. BEDSIDE SWITCHBOARDS need to be done as per general electrical policy 2 universal sockets minimum to be placed on each side with USB if possible. Extra Conduit to run to the ceiling for use later, if required.
3. HVAC or CENTRALISED AC to be done as per as per general electrical policy
4. BALCONY FANS to be done as per general electrical policy – switch and regulator to be placed in the balcony
5. UTILITY AREA AND BALCONY next to the kitchen to be done as per general electrical policy
6. NEUTRAL Common for the Entire Apartment.

Lighting Policy for Bathrooms

7. 2 Core Additional Live Wire for COB Down Light Circuits to be Running to Centralized Distribution (1 SQMM is enough) for Automation Control.
8. Mirror Light Circuit for Bathroom to be given with Switch.
9. Geyser Live Wire Running to Centralized Distribution (SQMM as per Geyser Load)
10. Exhaust Live Wire Running to Centralized Distribution
11. One Motion Sensor Light Independently Placed in the Bathroom as per General Policy
12. Switch Boards with Sockets for Dryer and Electrical Shaver to be kept as per General Policy.

Lighting Policy for Balcony

13. 2 Core Additional Live Wire for Lighting Circuits to be Running to Centralized Distribution (1 SQMM is enough) for Automation Control.
14. BALCONY FANS to be done as per general electrical policy – switch and regulator to be placed in the balcony

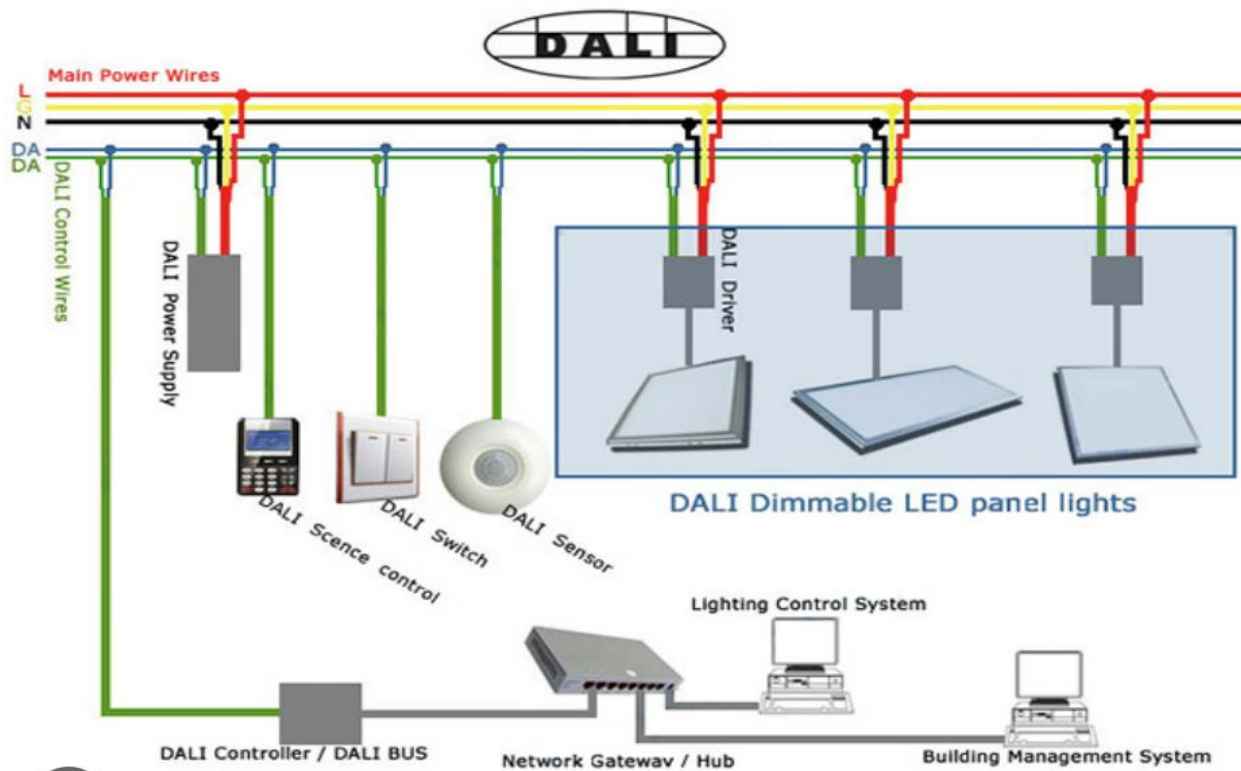
Lighting Policy for Foyer, Drawing Room, Kitchen, Bedroom1, Bedroom 2 and Walk-In Closet Area

15. All Down Lights and LED Light Strip on DALI Controlled TUNABLE Drivers as per the drawing below.

3-Core 1.5sqmm to be run from Centralized Distribution to around the false ceiling of each of the 5 rooms so that all drivers can be directly connected to the Light.

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Additionally: 3-Core 1sqmm wire to be run for Additional Circuits to each room from Centralized area for Bedside Chandeliers and Chandeliers in Drawing Room.



16. Each main window in the Room will need to have Two Four Core Wires 1sqmm for control of two motors.

Wiring Policy for Touch Panel

17. Each Touch Panel indicated would need a KNX Two Core Cable from the Centralized Distribution

Touch Panel Locations:

- Drawing Room Entrance Right Side
- Outside Kitchen Entrance Right Side
- Bedroom 1 Entrance Right Side
- Bathroom 1 Entrance Left Side
- Bedroom 2 Toilet Entrance Left Side

Wiring Policy for CAT6 from the Centralized distribution

18. All AC indoor units are to have One CAT6 Point
19. All TV Units are to have Three CAT6 Points
20. WIFI Point between Bedroom 1 and Bedroom 2 is to have **2 CAT6 Points and 1 Optical Fiber Point.**
21. Study Table, Dining Table and Bed Side table to have One CAT6 Point to have One CAT6 Point
22. Telephone Intercom Connection Points in both the Bathrooms next to WC and between Bedroom 1 & Bedroom 2, Study Table in Bedroom 1 & 2 and Bed Side Table of Bedroom 1 & 2 and Drawing Room Lamp Corner.
23. **HDMI Cable and Optical Audio Out Cable** from Centralized Distribution Area to Drawing Room TV Above Fireplace

Distribution in utility area.

24. Each wire needs to be Ferule marked on both ends, All Single Core Multi Core, CAT6, Audio or Fiber Optical Cable.
25. Optical Fiber Cable to be given for an Internet Connection.

Audio Wiring Policy

26. Zone 1 – Drawing Room and Balcony of Drawing Room

Zone 2 – Master Ber Room and Master Balcony

Audio Wiring: Two Pairs of Wire will run from Centralized Distribution to the Wall Mounted Volume Controller and then to the Ceiling Mounted Speakers.

Four Such wires will be running for Drawing Room Main Area, Drawing Room Balcony, Master Bedroom and Master Bedroom Balcony.

Location of Volume Controller

- Drawing Room: Drawing Room Entry Right Side next to the Touch Panel
- Drawing Room Balcony: Inside the Drawing Room next to Balcony Door
- Master Bedroom 1: Bed Side Table Sockets
- Master Bedroom Balcony: Inside the bedroom next to the balcony entry.

