# DB LOAD SCHEDULE

**DB-1B** — **LOCATION - BASEMENT FLOOR**

**6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR + 40A T.P HRC FUSES**

| Circuit No. | Ph. | Cable Size (mm²) | MCB Rating Amp | Type of Load | No's x Watts | Controlled By | Load in Watts R | Y | B | LOCATION |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONTROLLED BY R.C.C.B.40A,4P,300mA** | | | | | | | | | | |
| 1 | R | 2.5 | 10 | L1--L8 | 8*100 | 2 WAY SW | 800 | | | LIFT SHAFT |
| | Y | 2.5 | 10 | L9--L16 | 8*100 | 2 WAY SW | | 800 | | LIFT SHAFT |
| | B | 2.5 | 10 | L17--L24 | 8*100 | 2 WAY SW | | | 800 | LIFT SHAFT |
| 2 | R | 2.5 | 10 | EM1--EM7 + EXIT1--EXIT3 | 10*2*8 | MCB | 160 | | | EM,EXIT,LOBBY |
| | Y | | 10 | | | | | | | |
| | B | | 10 | | | | | | | |
| **CONTROLLED BY R.C.C.B.40A,4P,30mA** | | | | | | | | | | |
| 3 | R | 2.5 | 15 | P1 | 1*100 | 13A SOC. | 100 | | | EL-ROOM |
| | Y | 2.5 | 15 | P2--P4 W/P | 3*100 | 13A SOC. | | 300 | | LIFT PIT |
| | B | 2.5 | 15 | P5 W/P | 1*100 | 13A SOC. | | | 100 | GEN.ROOM |
| 4 | R | 2.5 | 15 | P6--P7 W/P | 2*100 | 13A SOC. | 200 | | | PUMP ROOM |
| | Y | 4 | 20 | JB. EWH | 1*1400 | 20A DP + JB | | 1400 | | FEMALE TOILET |
| | B | 4 | 20 | JB. EWH | 1*1400 | 20A DP + JB | | | 1400 | MALE TOILET |
| 5 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | 4 | 20 | JB. MSU-1 (MODEL-42QCL018/38QCL018) | 1*2070 | 20A DP + JB + ISOL 20A | | | 2070 | PUMP ROOM |
| 6 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| **TOTAL SUMMER = (kW)** | | | | | **8.130** | | **1260** | **2500** | **4370** | |
| **WINTER = (kW)** | | | | | **8.130** | | **1260** | **2500** | **4370** | |

# DB LOAD SCHEDULE

| DB-2B | | | | | | | | | | LOCATION - BASEMENT FLOOR |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR + 40A T.P HRC FUSES | | | | | | | | | | |
| Circuit | | Cable Size ($mm^2$) | MCB Rating Amp | Type of Load | No's x Watts | Controlled By | Load in Watts | | | LOCATION |
| No. | Ph. | | | | | | R | Y | B | |
| CONTROLLED BY R.C.C.B.40A,4P,30mA | | | | | | | | | | |
| 1 | R | 2.5 | 15 | P1--P2 | 2*100 | 13A SOC. | 200 | | | L.T ROOM |
| | Y | 2.5 | 15 | P3--P5 | 3*100 | 13A SOC. | | 300 | | TR. ROOM |
| | B | 2.5 | 15 | P6--P7 | 2*100 | 13A SOC. | | | 200 | H.T ROOM |
| 2 | R | 2.5 | 15 | P8--P9 | 2*100 | 13A SOC. | 200 | | | SERVICE CORRIDOR |
| | Y | 2.5 | 15 | P10--P11 | 2*100 | 13A SOC. | | 200 | | LOBBY |
| | B | 2.5 | 15 | P12 TWIN | 1*200 | 13A SOC. | | | 200 | CONTROL ROOM |
| 3 | R | 2.5 | 15 | P13 TWIN | 1*200 | 13A SOC. | 200 | | | CONTROL ROOM |
| | Y | 2.5 | 15 | P14 TWIN | 1*200 | 13A SOC. | | 200 | | CONTROL ROOM |
| | B | 2.5 | 15 | P15--P16 TWIN | 2*200 | 13A SOC. | | | 400 | STAFF ROOM |
| 4 | R | | 15 | SPARE | | | | | | |
| | Y | 2.5 | 15 | P17 | 1*100 | 13A SOC. | | 100 | | ELEVATOR PIT |
| | B | 2.5 | 10 | L1--L3 | 3*100 | 2 WAY SW | | | 300 | LIFT SHAFT |
| 5 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| 6 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| TOTAL SUMMER = (kW) | | | | | 2.500 | | 600 | 800 | 1100 | |
| WINTER = (kW) | | | | | 2.500 | | 600 | 800 | 1100 | |

# DB LOAD SCHEDULE

**DB-1/AN** — **LOCATION - BASEMENT FLOOR**

**10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR + 50A T.P HRC FUSES**

| Circuit No. | Ph. | Cable Size (mm²) | MCB Rating Amp | Type of Load | No's x Watts | Controlled By | Load in Watts R | Y | B | LOCATION |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONTROLLED BY R.C.C.B.40A,4P,300mA** | | | | | | | | | | |
| 1 | R | 2.5 | 15 | L1--L5 | 5*200 | 50A TP MAG CON + P.B IN DB | 1000 | | | ANCHOR |
| | Y | 2.5 | 15 | L6--L10 | 5*200 | | | 1000 | | ANCHOR |
| | B | 2.5 | 15 | L11--L15 | 5*200 | | | | 1000 | ANCHOR |
| 2 | R | 2.5 | 15 | L16--L20 | 5*200 | | 1000 | | | ANCHOR |
| | Y | 2.5 | 15 | L21--L24 | 4*200 | | | 800 | | ANCHOR |
| | B | 2.5 | 15 | L25--L29 | 5*200 | | | | 1000 | ANCHOR |
| 3 | R | 2.5 | 15 | L30--L34 | 5*200 | | 1000 | | | ANCHOR |
| | Y | 2.5 | 15 | L40--L43 | 4*200 | | | 800 | | ANCHOR |
| | B | 2.5 | 15 | L35--L39 | 5*200 | | | | 1000 | ANCHOR |
| 4 | R | 2.5 | 15 | L44--L48 | 5*200 | | 1000 | | | ANCHOR |
| | Y | 2.5 | 15 | L49--L53 | 5*200 | | | 1000 | | HIGH LEVEL AT G.FL |
| | B | 2.5 | 15 | L54--L58 | 5*200 | | | | 1000 | HIGH LEVEL AT G.FL |
| 5 | R | 2.5 | 15 | L59--L63 | 5*200 | | 1000 | | | HIGH LEVEL AT G.FL |
| | Y | 2.5 | 15 | L64--L67 | 4*200 | | | 800 | | HIGH LEVEL AT G.FL |
| | B | | 15 | SPARE | | | | | | |
| 6 | R | 2.5 | 10 | EM1--EM7 + EXIT1--EXIT4 | 11*2*8 | MCB | 176 | | | BASEMENT FL |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| **CONTROLLED BY R.C.C.B.40A,4P,30mA** | | | | | | | | | | |
| 7 | R | 2.5 | 15 | P1--P2 TWIN | 2*200 | 13A SOC. | 400 | | | |
| | Y | 2.5 | 15 | P3--P4 TWIN | 2*200 | 13A SOC. | | 400 | | |
| | B | 2.5 | 15 | P5--P6 | 2*100 | 13A SOC. | | | 200 | |
| 8 | R | 2.5 | 15 | P7--P8 TWIN | 2*200 | 13A SOC. | 400 | | | |
| | Y | 2.5 | 15 | P9--P10 TWIN | 2*200 | 13A SOC. | | 400 | | |
| | B | 2.5 | 15 | P11--P12 TWIN | 2*200 | 13A SOC. | | | 400 | |
| 9 | R | 2.5 | 15 | P13--P14 TWIN | 2*200 | 13A SOC. | 400 | | | |
| | Y | 2.5 | 15 | P15--P16 TWIN | 2*200 | 13A SOC. | | 400 | | |
| | B | 2.5 | 15 | P17 TWIN | 1*200 | 13A SOC. | | | 200 | DISPLAY SCREEN AT G.FL |
| 10 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| **TOTAL SUMMER = (kW)** | | | | | **16.776** | | **6376** | **5600** | **4800** | |
| **WINTER = (kW)** | | | | | **16.776** | | **6376** | **5600** | **4800** | |

# DB LOAD SCHEDULE

**DB-2/AN** — **LOCATION - BASEMENT FLOOR**

**10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR + 63A T.P HRC FUSES**

| Circuit No. | Ph. | Cable Size (mm²) | MCB Rating Amp | Type of Load | No's x Watts | Controlled By | Load in Watts R | Y | B | LOCATION |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONTROLLED BY R.C.C.B.63A,4P,300mA** | | | | | | | | | | |
| 1 | R | 2.5 | 15 | L1--L5 | 5*200 | 60A TP MAG CON + P.B IN DB | 1000 | | | ANCHOR SHOP |
| | Y | 2.5 | 15 | L6--L10 | 5*200 | | | 1000 | | ANCHOR SHOP |
| | B | 2.5 | 15 | L11--L15 | 5*200 | | | | 1000 | ANCHOR SHOP |
| 2 | R | 2.5 | 15 | L16--L20 | 5*200 | | 1000 | | | ANCHOR SHOP |
| | Y | 2.5 | 15 | L21--L25 + L23A | 6*200 | | | 1200 | | ANCHOR SHOP |
| | B | 2.5 | 15 | L26--L30 | 5*200 | | | | 1000 | ANCHOR SHOP |
| 3 | R | 2.5 | 15 | L31--L35 | 5*200 | | 1000 | | | ANCHOR SHOP |
| | Y | 2.5 | 15 | L36--L40 + L38A | 6*200 | | | 1200 | | ANCHOR SHOP |
| | B | 2.5 | 15 | L41--L45 | 5*200 | | | | 1000 | ANCHOR SHOP |
| 4 | R | 2.5 | 15 | L46--L50 | 5*200 | | 1000 | | | ANCHOR SHOP |
| | Y | 2.5 | 15 | L51--L55 | 5*200 | | | 1000 | | ANCHOR SHOP |
| | B | 2.5 | 15 | L56--L60 | 5*200 | | | | 1000 | ANCHOR SHOP |
| 5 | R | 2.5 | 15 | L61--L65 | 5*200 | | 1000 | | | ANCHOR SHOP |
| | Y | 2.5 | 15 | L66--L70 | 5*200 | | | 1000 | | ANCHOR SHOP |
| | B | 2.5 | 15 | L71--L75 | 5*200 | | | | 1000 | ANCHOR SHOP |
| 6 | R | 2.5 | 10 | EM1--EM8 + EXIT--EXIT2 | 10*2*8 | MCB | 160 | | | ANCHOR SHOP |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| **CONTROLLED BY R.C.C.B.40A,4P,30mA** | | | | | | | | | | |
| 7 | R | 2.5 | 15 | P1--P3 TWIN | 3*200 | 13A SOC. | 600 | | | |
| | Y | 2.5 | 15 | P4--P5 TWIN | 2*200 | 13A SOC. | | 400 | | |
| | B | 2.5 | 15 | P6--P7 TWIN | 2*200 | 13A SOC. | | | 400 | |
| 8 | R | 2.5 | 15 | P8--P9 TWIN | 2*200 | 13A SOC. | 400 | | | |
| | Y | 2.5 | 15 | P10--P11 TWIN | 2*200 | 13A SOC. | | 400 | | |
| | B | 2.5 | 15 | P12--P13 TWIN | 2*200 | 13A SOC. | | | 400 | |
| 9 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| 10 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| **TOTAL SUMMER = (kW)** | | | | | **18.160** | | **6160** | **6200** | **5800** | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **WINTER = (kW)** | **18.160** | | **6160** | **6200** | **5800** | |

# DB LOAD SCHEDULE

**EDB-2/1/1** — **LOCATION - BASEMENT FLOOR**

**6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR + 30A T.P HRC FUSES**

| Circuit No. | Ph. | Cable Size (mm²) | MCB Rating Amp | Type of Load | No's x Watts | Controlled By | Load in Watts R | Y | B | LOCATION |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONTROLLED BY R.C.C.B.40A,4P,300mA** | | | | | | | | | | |
| 1 | R | 2.5 | 10 | L1--L7 + EM1-EM2 | 7*2*50 + 4*2*8 | SW | 764 | | | L.T ROOM+CORRIDOR |
| | Y | 2.5 | 10 | L8--L13 | 6*2*50 + 1*2*8 | SW | | 616 | | TR-ROOM |
| | B | 2.5 | 10 | L14--L17 | 4*2*50 + 1*2*8 | SW | | | 416 | H.T ROOM-BASEMENT FL. |
| 2 | R | 2.5 | 10 | L18--L21 | 4*4*25 + 1*2*8 | SW | 416 | | | CONTROL ROOM |
| | Y | 2.5 | 10 | L22--L25 | 4*2*25 + 1*2*8 | SW | | 216 | | STAFF ROOM |
| | B | 2.5 | 10 | L26--L29 + EM7-EM7A+EXIT3 | 5*2*50 + 3*2*8 | SW | | | 548 | SERVICE CORRIDOR |
| 3 | R | 2.5 | 10 | L30--L35 + EM8 + EXIT4 | 6*4*25 + 2*2*8 | 2 WAY SW | 616 | | | LOADING-UNLOADING LOBBY |
| | Y | 2.5 | 10 | L36--L54 + EM9-EM25 | 21*1*25 + 17*2*8 | 2 WAY SW | | 865 | | STAIR-2-BASEMENT-5TH FL. |
| | B | 2.5 | 10 | L55--L62 + EM26 + EXIT5 | 8*2*25 + 2*2*8 | SW | | | 416 | GR. FL. LOADING AREA |
| 4 | R | | 10 | SPARE | | | | | | |
| | Y | | 10 | SPARE | | | | | | |
| | B | | 10 | SPARE | | | | | | |
| **CONTROLLED BY R.C.C.B.40A,4P,30mA** | | | | | | | | | | |
| 5 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | 4 | 20 | JB. CHARGER | 1*500 | JB | | | 500 | H.T ROOM-BASEMENT FL. |
| 6 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | | 15 | SPARE | | | | | | |
| **TOTAL SUMMER = (kW)** | | | | | **5.373** | | **1796** | **1697** | **1880** | |
| **WINTER = (kW)** | | | | | **5.373** | | **1796** | **1697** | **1880** | |

# DB LOAD SCHEDULE

**EDB-2/1/2** — **LOCATION - BASEMENT FLOOR**

**6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR + 30A T.P HRC FUSES**

| Circuit No. | Ph. | Cable Size (mm²) | MCB Rating Amp | Type of Load | No's x Watts | Controlled By | Load in Watts R | Y | B | LOCATION |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONTROLLED BY R.C.C.B.40A,4P,300mA** | | | | | | | | | | |
| 1 | R | 2.5 | 10 | L1--L15 | 15*2*25 | 25A TP MAG CON + P.B IN DB | 750 | | | |
| | Y | 2.5 | 10 | L16--L31 | 16*2*25 | | | 800 | | |
| | B | 2.5 | 10 | L32--L37 | 6*35 | | | | 210 | |
| 2 | R | 2.5 | 10 | L38--L49 | 8*2*25 + 4*25 | | 500 | | | |
| | Y | 2.5 | 10 | L50--L61 | 8*2*25 + 4*25 | | | 500 | | |
| | B | 2.5 | 10 | L62--L67 | 7*2*25 | | | | 350 | |
| 3 | R | 2.5 | 10 | L68--L70 + EM1 | 3*2*50 + 1*2*8 | SW | 316 | | | |
| | Y | 2.5 | 10 | L71--L74 + EM2 | 4*2*50 + 1*2*8 | SW | | 416 | | |
| | B | 2.5 | 10 | L75--L79 + EM3-EM5 | 5*2*50 + 3*2*8 | 2 WAY SW | | | 548 | |
| 4 | R | 2.5 | 10 | L80 + EM6 | 1*2*50 + 1*2*8 | SW | 116 | | | |
| | Y | | 10 | SPARE | | | | | | |
| | B | | 10 | SPARE | | | | | | |
| **CONTROLLED BY R.C.C.B.40A,4P,30mA** | | | | | | | | | | |
| 5 | R | | 15 | SPARE | | | | | | |
| | Y | | 15 | SPARE | | | | | | |
| | B | 4 | 20 | JB. CHARGER | 1*500 | JB | | | 500 | GEN.HEATER CHARGER |
| 6 | R | | 15 | SPARE | | | | | | |
| | Y | 2.5 | 15 | P4 CCTV | 1*100 | SW.COMB. | 100 | | | LOADING / AREA |
| | B | 2.5 | 15 | P1--P3 CCTV | 3*100 | SW.COMB. | | | 300 | LIFT LOBBY-BASEMENT FL. |
| **TOTAL SUMMER = (kW)** | | | | | **5.406** | | **1782** | **1716** | **1908** | |
| **WINTER = (kW)** | | | | | **5.406** | | **1782** | **1716** | **1908** | |