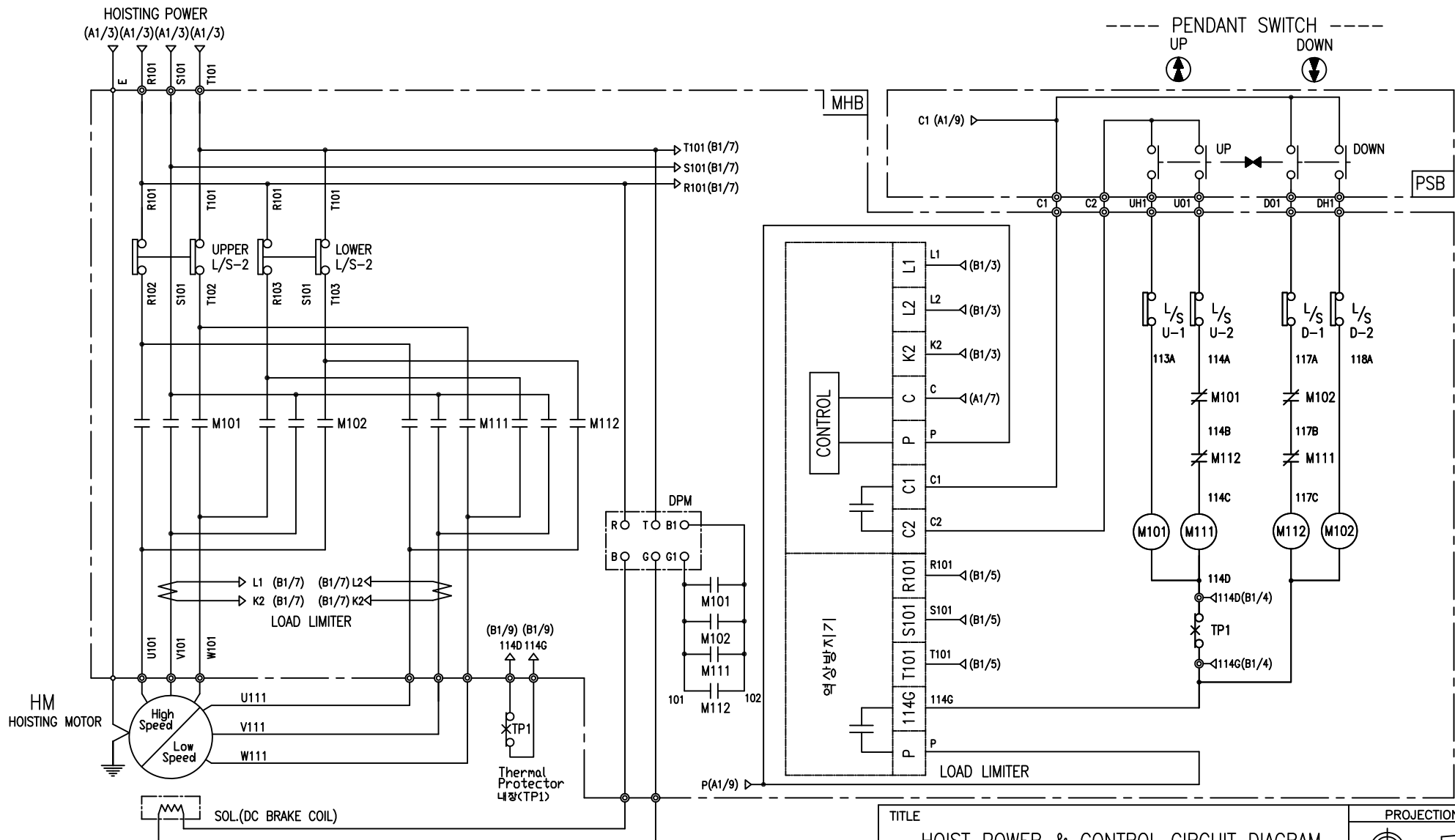


HOIST POWER CIRCUIT

HOIST CONTROL CIRCUIT



-NOTE-
1. : Mechanical Interlock

| | | | | | | | |
|---------------------------------------|---------|------------------------------|----------|---------|----|------------|--|
| TITLE | | | | | | PROJECTION | |
| HOIST POWER & CONTROL CIRCUIT DIAGRAM | | | | | | | |
| WORK NO | | WORK NAME | | | | SCALE | |
| 602 | | DB | | | | Q' TY | |
| | | 220V, 380V, 440V, 460V, 480V | | | | 1/1 | |
| DRAWN | CHECKED | REVIEWED | APPROVED | MODEL | DB | | |
| LEE.G.H | | | | CODE NO | | | |
| 2010.07.30 | | | | | | | |
| | | | | | | | |

| SPECIFICATION | MAGNET CONTACT | LOAD LIMITER | SILICON RECTIFIER | | | | | Thermal Protector | HOIST MOTOR |
|---------------|--------------------------|--------------|-------------------|--------|--------|--------|-------------------|-------------------|---------------------|
| | | | DPM | | | | | | |
| SYMBOLS | M101, M102 M103, M104 | - | AC220V | AC380V | AC440V | AC460V | AC480V | TP1 | HM |
| DESCRIPTION | DMC12 | LKDL-601 | DC99V | DC171V | DC198V | DC207V | DC216V | 17AM032 | 1.8Kw * 2P/0.7Kw*6P |
| MAKER | DONG-A | LK | LK | | | | Texas Instruments | LK | |

SCHEDULE OF TECHNICAL DATA

| | |
|---|-----------------------------|
| 1. SERVICE | HOISTING |
| 2. MANUFACTURE | LK HOIST CO. LTD |
| 3. MOTOR MODEL NO | 1.8/0.7 - 2/6 - 38 |
| 4. RATED POWER | 1.8/0.7 KW × 2/6 P |
| 5. RATED VOLTAGE AND FREQUENCY | 380 V 60HZ |
| 6. MOTOR TYPE | SQUIRREL CAGE ROTOR TYPE |
| 7. RATING | 30 MIN |
| 8. LOCATION | IN-DOOR , OUTDOOR |
| 9. INSULATION CLASS | B |
| 10. DESIGN TEMPERATURE RISE (BY RESISTANCE) | 80℃ |
| 11. FULL LOAD SPEED | 3440/1140 RPM |
| 12. FULL LOAD CURRENT | 6.8/2.7 A |
| 13. STARTING CURRENT AT RATED VOLTAGE | 35.3/14 A |
| 14. MINIMUM STARTING VOLTAGE | 342 V |
| 15. EFFICIENCY AT 100% RATED LOAD | 64/64 % |
| 16. POWER FACTOR AT 100% RATED LOAD | 64/64 % |
| 17. STARTING TORQUE | 235 % |
| 18. TYPE OF ENCLOSURE | 전폐형 |
| 19. TYPE OF BEARING | PL : 6205DD OPL : 6008ZZ |
| 20. MOUNTING | VERTICAL |
| 21. MAXIMUM AMBIENT TEMPURE | 40℃ |
| 22. BEARING LUBRICATION | GREASE |
| 23. STARTING METHOD | FULL VOLTAGE |