

| COMPONENT RATING |                        |                             |
|------------------|------------------------|-----------------------------|
| SHEET NUMBER     | COMPONENT              | MVSD0500R_-80 ~ 1000R_-80   |
|                  |                        | RATING                      |
| 5                | 10LA                   | 3kV                         |
|                  | 10ISW1                 | 360A, 6.6kV                 |
|                  | 10FU1~3                | SEE TABLE A                 |
|                  | 10M1                   | 360A, 6.6kV                 |
|                  | 10M1A                  | 360A, 6.6kV                 |
|                  | 10ACL                  | 10.9mH                      |
|                  | 10F4~7                 | 2E, 4.8kV                   |
|                  | 10PT1~2                | 500VA, 240V:120V            |
|                  | 10CPT                  | SEE TABLE A                 |
|                  | 10F8~10                | 5E, 4.8kV                   |
|                  | 10F12~14               | SEE TABLE A                 |
|                  | 10F15                  | 20A, 600Vac                 |
|                  | 6                      | HCTU,HCTW                   |
| 11T1             |                        | SEE TABLE A                 |
| 11R11            |                        | 50k ohm, 115W               |
| GDI              |                        | ---                         |
| 7                | FUSE                   | SEE TABLE A                 |
|                  | DIODE                  | 2200V, 260A                 |
|                  | POWER MODULE (U,V,W)   | ±1800Vdc, 257A              |
| 8                | 15MCB1                 | 15A, 600V                   |
|                  | 15V1                   | 480V, 2a2b                  |
|                  | 15MS1~2                | 1.6~2.5A, 480V (set @ 2.3A) |
|                  | 15MOV1~3               | 625V, 230J                  |
|                  | 15FN1~2                | 460V, 1.2kW                 |
|                  | 15MCB2                 | 240Vac, 20A, 2P             |
|                  | 15F1~2                 | 5A, 600Vac                  |
|                  | PDM                    | ---                         |
|                  | 15PS1                  | 120/240:+5,+/-15,24V,80W    |
|                  | 15DS1                  | 10A, 600V                   |
| VX               | 25A, 4a4b/2a2b, 120Vac |                             |
| 9                | CTR                    | ---                         |
|                  | GSD                    | ---                         |
|                  | 16R1,3                 | SEE TABLE A                 |
|                  | 16R2,4                 | SEE TABLE A                 |
| MODBUS           | ETHERNET/RTU (RS485)   |                             |
| 10               | IPAD                   | ---                         |
|                  | DISP                   | G7A                         |
|                  | XIO                    | ---                         |
| 11               | BLR                    | 24Vdc, 4a4b                 |
|                  | FLT,INPC               | 24Vdc, 2a2b                 |
| 13               | EXT                    | 115V, 4a4b                  |

| MODEL NUMBER  | MOTOR HP | DRIVE FLA | OIL PUMP TYPE | 10FU1~3     | 10CPT                    | 10F12~14 | 11T1                 | FUSE       | 16R1,3         | 16R2,4         |
|---------------|----------|-----------|---------------|-------------|--------------------------|----------|----------------------|------------|----------------|----------------|
|               |          |           |               | RATING      | RATING                   | RATING   | RATING               | RATING     | RATING         | RATING         |
| MVSD0500RT-80 | 500      | 107       | YT            | 150E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 5A, 600V | 449kVA,2400V:635V(4) | 700V, 200A | 35 ohm, 3W, 1% | 30 ohm, 3W, 1% |
| MVSD0500RK-80 | 500      | 107       | YK            | 150E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 7A, 600V | 449kVA,2400V:635V(4) | 700V, 200A | 35 ohm, 3W, 1% | 30 ohm, 3W, 1% |
| MVSD0600RT-80 | 600      | 129       | YT            | 200E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 5A, 600V | 534kVA,2400V:635V(4) | 700V, 300A | 35 ohm, 3W, 1% | 20 ohm, 3W, 1% |
| MVSD0600RK-80 | 600      | 129       | YK            | 200E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 7A, 600V | 534kVA,2400V:635V(4) | 700V, 300A | 35 ohm, 3W, 1% | 20 ohm, 3W, 1% |
| MVSD0700RT-80 | 700      | 157       | YT            | 200E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 5A, 600V | 618kVA,2400V:635V(4) | 700V, 300A | 35 ohm, 3W, 1% | 12 ohm, 3W, 1% |
| MVSD0700RK-80 | 700      | 157       | YK            | 200E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 7A, 600V | 618kVA,2400V:635V(4) | 700V, 300A | 35 ohm, 3W, 1% | 12 ohm, 3W, 1% |
| MVSD0800RT-80 | 800      | 172       | YT            | 250E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 5A, 600V | 703kVA,2400V:635V(4) | 700V, 300A | 30 ohm, 3W, 1% | 11 ohm, 3W, 1% |
| MVSD0800RK-80 | 800      | 172       | YK            | 250E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 7A, 600V | 703kVA,2400V:635V(4) | 700V, 300A | 30 ohm, 3W, 1% | 11 ohm, 3W, 1% |
| MVSD0900RT-80 | 900      | 202       | YT            | 250E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 5A, 600V | 788kVA,2400V:635V(4) | 700V, 400A | 25 ohm, 3W, 1% | 12 ohm, 3W, 1% |
| MVSD0900RK-80 | 900      | 202       | YK            | 250E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 7A, 600V | 788kVA,2400V:635V(4) | 700V, 400A | 25 ohm, 3W, 1% | 12 ohm, 3W, 1% |
| MVSD1000RT-80 | 1000     | 224       | YT            | 300E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 5A, 600V | 873kVA,2400V:635V(4) | 700V, 400A | 30 ohm, 3W, 1% | 3 ohm, 3W, 1%  |
| MVSD1000RK-80 | 1000     | 224       | YK            | 300E, 5.5KV | 2400:460V-2KVA,115V-2KVA | 7A, 600V | 873kVA,2400V:635V(4) | 700V, 400A | 30 ohm, 3W, 1% | 3 ohm, 3W, 1%  |

| REV. LEV. | DATE     | REVISION RECORD | CHG. NO. | DR. | CK. | REV. LEV. | DATE | REVISION RECORD | CHG. NO. | DR. | CK. | REV. LEV. | DATE | REVISION RECORD | CHG. NO. | DR. | CK. |
|-----------|----------|-----------------|----------|-----|-----|-----------|------|-----------------|----------|-----|-----|-----------|------|-----------------|----------|-----|-----|
| 6         |          |                 |          |     |     | 13        |      |                 |          |     |     | 20        |      |                 |          |     |     |
| 5         |          |                 |          |     |     | 12        |      |                 |          |     |     | 19        |      |                 |          |     |     |
| 4         |          |                 |          |     |     | 11        |      |                 |          |     |     | 18        |      |                 |          |     |     |
| 3         |          |                 |          |     |     | 10        |      |                 |          |     |     | 17        |      |                 |          |     |     |
| 2         |          |                 |          |     |     | 9         |      |                 |          |     |     | 16        |      |                 |          |     |     |
| 1         |          |                 |          |     |     | 8         |      |                 |          |     |     | 15        |      |                 |          |     |     |
| 0         | 06/23/06 | FIRST ISSUE     |          |     |     | 7         |      |                 |          |     |     | 14        |      |                 |          |     |     |

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| DIMENSIONS ARE IN INCHES<br>DO NOT SCALE<br>TOLERANCES PER ENG. STD. M-282<br>WELDING PER ENG. STD. M-30<br>REF. DWG. |  | RATING SHEET,<br>COMPONENTS       |                 |
| MATERIAL<br>TYPE _____ ENG. STD. _____<br>PART NO. _____<br>CUT SIZE _____  |  | DRAWING NUMBER<br><b>1808JS05</b> |                 |
| DR. _____<br>APPR. _____<br>SCALE: _____  | NAME _____ DATE _____<br>SIZE <b>D</b> | CAGE NO _____                     | ORIG. NO. _____ |
| WT. = _____ LBS.  |  | SHEET 3 of 15                     |                 |