

MCM

ENGINEERING, INC.

400Hz LINE DROP COMPENSATORS

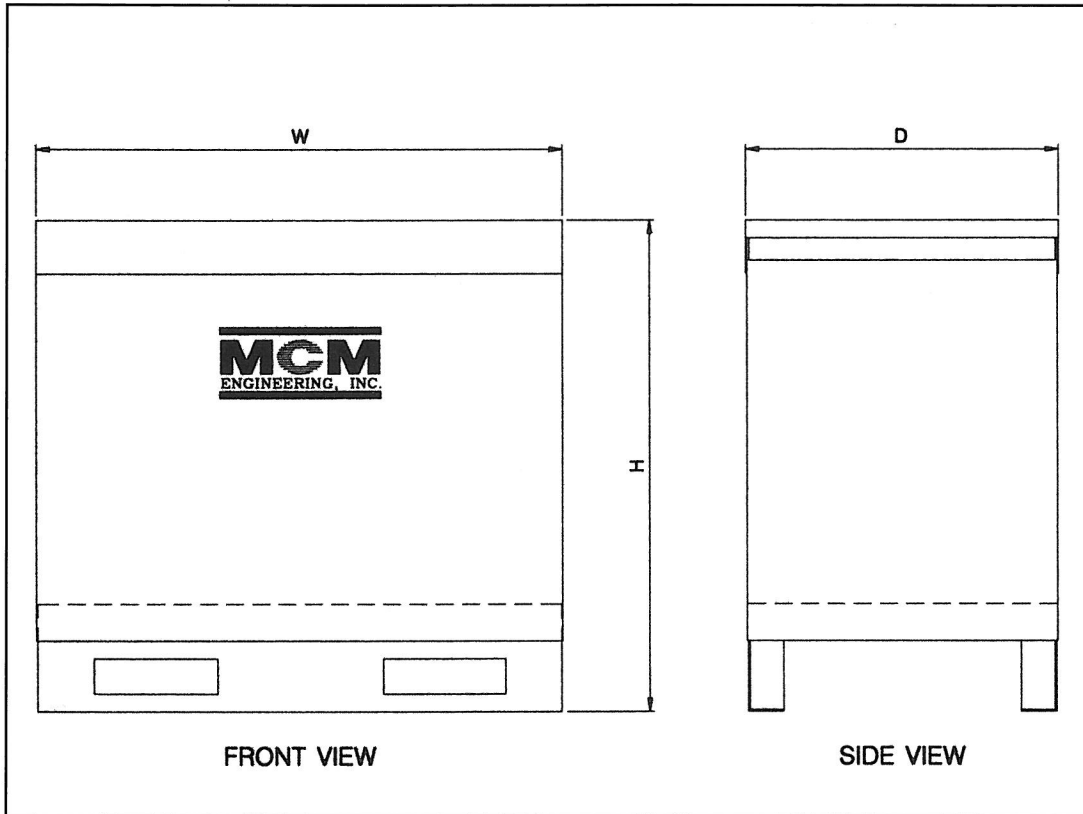


- ✈ UL 508 Listed
- ✈ Indoor/Outdoor Rated Enclosure
- ✈ Floor, Wall or Stackable Mounting
- ✈ Placard with TAP Setting
- ✈ Input/Output Power Blocks
- ✈ Front Access Adjustments
- ✈ Quick connect TAP changes
- ✈ 6% - 20% Boost Settings

MCM's complete line of Line Drop Compensators are designed to maintain unity power factor for the 400 Hz ground power distribution system. Our Line Drop Compensators maintain a stable line voltage between the centralized power source (MG or Frequency Converter) to the aircraft's input receptacle. MCM Line Drop Compensators automatically adjust capacitive reactance to the circuit in order to cancel inductive reactance of the transmission system to prevent "line drop" occurrences. MCM Line Drop Compensators incorporate **Non-PCB**, oil filled tube capacitors and are built with tap-settings to "Fine Tune" each circuit. Enclosures are suitable for indoor or outdoor application and can be stacked, wall or floor mounted.

400Hz LINE DROP COMPENSATORS

DIMENSIONS:



DETAILS:

| PART NO. | KVA | VOLTAGE | BOOST TAP | WEIGHT | DIMENSIONS W X D X H |
|-------------|-------|-------------|-----------|----------|-------------------------|
| DD2-5005-1 | 75 | 118/204 VAC | 8% - 20% | 400 LBS. | 30" X 17.75" X 27.75" |
| DD2-5005-2 | 90 | 575 VAC | 6% - 16% | 360 LBS. | 30" X 17.75" X 27.75" |
| DD2-5005-4 | 90 | 118/204 VAC | 8% - 20% | 420 LBS. | 36" X 17.75" X 27.75" |
| DD2-5005-5 | 140 | 575 VAC | 6% - 16% | 440 LBS. | 30" X 17.75" X 27.75" |
| DD2-5005-6 | 225 | 118/204 VAC | 3% - 8% | 600 LBS. | 42" X 24.00" X 32.00" |
| DD2-5005-7 | 45 | 118/204 VAC | 6% - 16% | 330 LBS. | 30" X 17.75" X 27.75" |
| DD2-5005-8 | 312 | 575 VAC | 4% - 12% | 480 LBS. | 36" X 17.75" X 27.75" |
| DD2-5005-9 | 30 | 118/204 VAC | 8% - 20% | 300 LBS. | 30" X 17.75" X 27.75" |
| DD2-5005-10 | 90 | 118/204 VAC | 6% - 16% | 400 LBS. | 36" X 17.75" X 27.75" |
| DD2-5005-11 | 120 | 118/204 VAC | 6% - 16% | 480 LBS. | 36" X 17.75" X 27.75" |
| DD2-5005-12 | 112.5 | 575 VAC | 6% - 16% | 420 LBS. | 30" X 17.75" X 27.75" |

OPTIONS:

| | | | |
|---|------------------------------|---|-----------------------------|
| ✈ | Custom KVA Rating | ✈ | Flat Pack Configuration |
| ✈ | Custom Input Wire Range | ✈ | Custom Integrated Enclosure |
| ✈ | Custom Size/Design Available | | |