MC Single Source Fire Pump Controller

<table>
<thead>
<tr>
<th>Model</th>
<th>Short Circuit Current Rating</th>
<th>Maximum Horsepower</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200/208</td>
<td>220-240</td>
</tr>
<tr>
<td>MCR, MCO</td>
<td>100,000A</td>
<td>125</td>
</tr>
<tr>
<td>MCT, MCT, MCS</td>
<td>100,000A</td>
<td>100</td>
</tr>
</tbody>
</table>

* FOR MCO, 250 HP AT 415 VAC, USE ENCLOSURE 20001

Notes:
- **Construction:** NEMA Type 2, 12, 3R and 4
- **Finish:** Fire Pump Red
- **Conduit Entrance:** Conduit Entry on Top or Bottom. Protect Equipment from Drilling Chips
- **Conduit Hubs:** Waterproof Hubs Required for Top Entry
- **Access:** Front
- **Mounting:** Floor Mount
- **Shipping Weight:** 650 Lbs. (294.8 kg) Max.

Dimensions in Inches and [Centimeters]

**Display Shield Only Available on NEMA 3R and 4 Controllers**

TOP VIEW

- **2-1/2"** [6.4]
- **2-1/2** [6.4]
- **2-1/2"** [6.4]
- **16-3/8"** [41.6]
- **16-3/8"** [41.6]
- **13"** [33]

**Recommended Conduit Entry Area at Bottom of Controller. Area is Approx 8-1/4" x 17-1/4"**

Notes:
- **RECOMMENDED ENTRY LOCATIONS APPROXIMATELY 4" AREA**
- **(4) Ø9/16" (14 mm) Mounting Holes**
- **3-3/8"** [8.6]
- **2-1/2"** [6.4]
- **11-3/4"** [29.8]
- **123.2"** [314.2]
- **121.9"** [309.8]
- **31.423** [79.8]
- **111.8"** [284]

**Notes on the Diagram:**
- **1/2" (13mm) Female N.P.T. Nominal (Trade Size) American Std. Tapered Pipe Thread**
- **Shipping Weight:** 650 Lbs. (294.8 kg) Max.
- **Dimensions in Inches and [Centimeters]**
- **Notes:**
  - **Construction:** NEMA Type 2, 12, 3R and 4
  - **Finish:** Fire Pump Red
  - **Conduit Entrance:** Conduit Entry on Top or Bottom. Protect Equipment from Drilling Chips
  - **Conduit Hubs:** Waterproof Hubs Required for Top Entry
  - **Access:** Front
  - **Mounting:** Floor Mount
  - **Shipping Weight:** 650 Lbs. (294.8 kg) Max.

**Notes on the Table:**
- **Model MCO, MCT, MCS:** 100,000A
- **Maximum Horsepower:** 125, 150, 250*, 300, 350 (MCT)
- **Notes:**
  - * FOR MCO, 250 HP AT 415 VAC, USE ENCLOSURE 20001

**Notes on the Diagram:**
- **11-24-2014**
- **DWG. NO. 20011**
- **REV. 5**
- **MASTER CONTROL SYSTEMS INC. LAKE BLUFF, ILLINOIS U.S.A.**
- **TITLE:** MODEL MC 64" DIMENSIONAL DRAWING - G4 - TYPE 2, 12, 3R and 4
- **DATE:** 11-24-2014

**Notes on the Diagram:**
- **DISPLAY SHIELD ONLY AVAILABLE ON NEMA 3R AND 4 CONTROLLERS**