

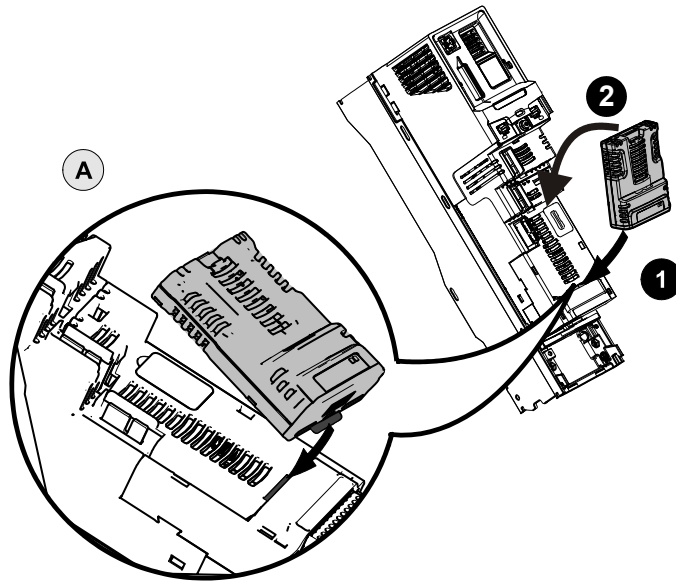
# Option Module Installation: Machine Controller



**CAUTION:** Power down the drive before installing / removing option modules. Failure to do so may result in damage to the product. Refer to section *Safety Information* in the appropriate drive manual.

**CAUTION**

**Figure 1-1** Installing a Machine Controller option module in a Unidrive M600/M70X

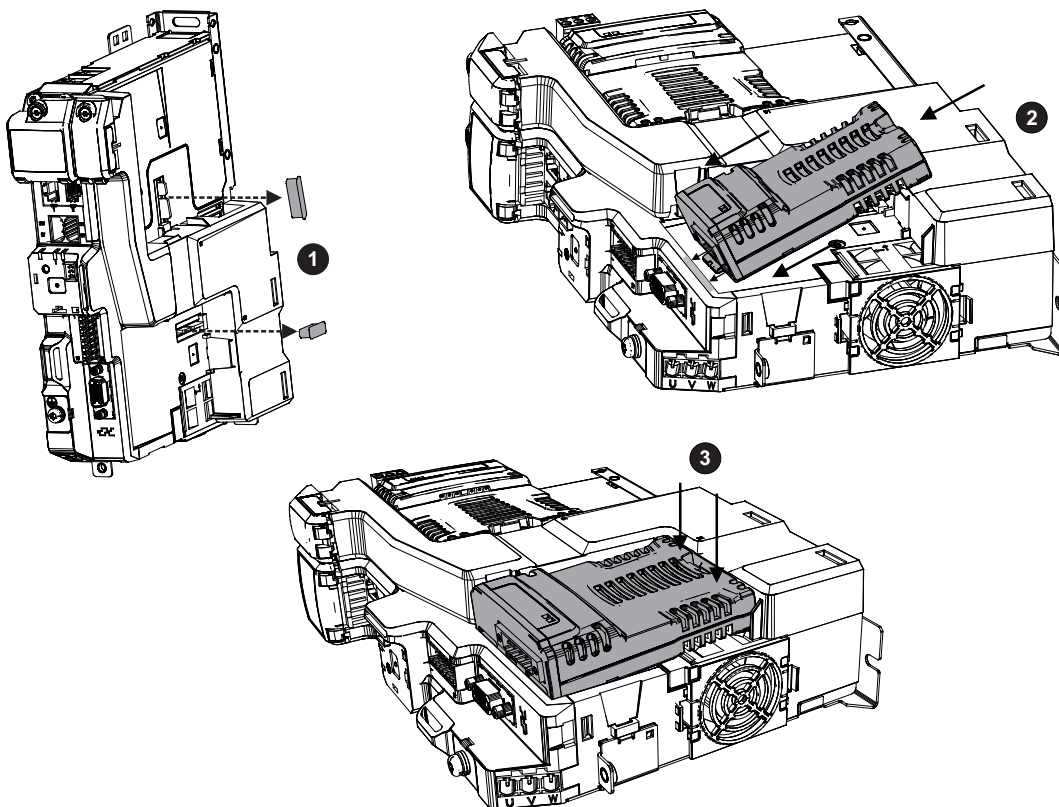


- Move the option module in direction shown (1/2).
- Align and insert the option module tab in to the slot provided, this is highlighted in the detailed view (A).
- Press down on the option module until it clicks into place.

**NOTE**

Option module slots must be used in the following order: Slot 3 (lower), Slot 2 (middle) and then Slot 1 (upper).

**Figure 1-2** Installing a Machine Controller option module in a Digitax HD



1. Remove the protective interface card covers.
2. Align and insert the option module tab into the slot on the drive plastic.



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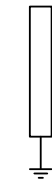
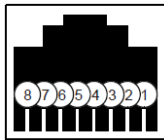
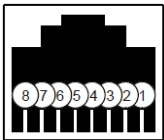

3. Once the option module tab is located into the slot on the drive, push down at the rear of the option module until it clicks into place.

**NOTE**

Once fitted, the option module remains at an angle with respect to the drive.

**NOTE**

When connecting option modules, an additional option mounting kit is required for the Digitax HD M75X series, if the drive is not supplied with an option mounting kit fitted. The option mounting kit can be ordered from the supplier of the drive. Refer to the Digitax HD M75X Series Installation and Technical Guide for further information.

Module	Color	Terminal information																																																						
 <p><b>MCI200</b></p>	Moss Green																																																							
 <p><b>MCI210</b></p>	Moss Green	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Spade Connector</p>  </div> <div style="text-align: center;"> <p><b>A</b></p>  <table border="1" data-bbox="683 958 847 1066"> <thead> <tr> <th>Ethernet</th> <th>Function</th> <th>Ethernet</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Transmit +</td> <td>5</td> <td>Not used</td> </tr> <tr> <td>2</td> <td>Transmit -</td> <td>6</td> <td>Receive -</td> </tr> <tr> <td>3</td> <td>Receive +</td> <td>7</td> <td>Not used</td> </tr> <tr> <td>4</td> <td>Not used</td> <td>8</td> <td>Not used</td> </tr> </tbody> </table> </div> <div style="text-align: center;"> <p><b>B</b></p>  <table border="1" data-bbox="903 958 1067 1066"> <thead> <tr> <th>Digital I/O</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Digital Input 1</td> </tr> <tr> <td>2</td> <td>Digital Input 2</td> </tr> <tr> <td>3</td> <td>Digital Input 3</td> </tr> <tr> <td>4</td> <td>Digital I/O 4</td> </tr> <tr> <td>5</td> <td>Digital Output 5</td> </tr> <tr> <td>6</td> <td>0V Common</td> </tr> </tbody> </table> </div> <div style="text-align: center;"> <p>Digital I/O</p> <table border="1" data-bbox="1158 792 1294 898"> <tr> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>4</td> <td>5</td> <td>6</td> </tr> </table> <table border="1" data-bbox="1118 913 1334 1066"> <thead> <tr> <th>Digital I/O</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Digital Input 1</td> </tr> <tr> <td>2</td> <td>Digital Input 2</td> </tr> <tr> <td>3</td> <td>Digital Input 3</td> </tr> <tr> <td>4</td> <td>Digital I/O 4</td> </tr> <tr> <td>5</td> <td>Digital Output 5</td> </tr> <tr> <td>6</td> <td>0V Common</td> </tr> </tbody> </table> </div> <div style="text-align: right; margin-top: 10px;"> <p>Link/Activity indicators</p> <div style="display: flex; gap: 10px;"> <div style="text-align: center;"> <input type="checkbox"/> <b>A</b> </div> <div style="text-align: center;"> <input type="checkbox"/> <b>B</b> </div> </div> </div> </div>	Ethernet	Function	Ethernet	Function	1	Transmit +	5	Not used	2	Transmit -	6	Receive -	3	Receive +	7	Not used	4	Not used	8	Not used	Digital I/O	Function	1	Digital Input 1	2	Digital Input 2	3	Digital Input 3	4	Digital I/O 4	5	Digital Output 5	6	0V Common	1	2	3	4	5	6	Digital I/O	Function	1	Digital Input 1	2	Digital Input 2	3	Digital Input 3	4	Digital I/O 4	5	Digital Output 5	6	0V Common
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For full details on any of the option modules, please refer to the appropriate option module user guide.

