Product	AMD	**Models**	MS300 MH300	**Security Classification**	☑ General ☐ Confidential ☐ Top-secret
				ECN No.	116A-198059
Publish Division	Product Management Section	**Publisher**	Pohan. Liao	**Issue No.**	116A-FE-MSx-20131-E-01-01
				Released Date	2020/01/31
Receiving Div.	Sales / Product managers of TW, DGC, DPR, DGB, DMX, DEN, DIN, DESG, DE, DEK				

Purpose:

MS300, MH300 series option card packaging content adjustment, optimizing price to enhance product competitiveness.

Content:

I. Add / Change Description
II. Option card selection

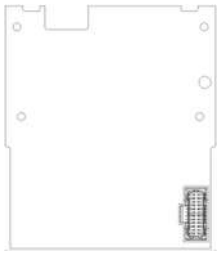
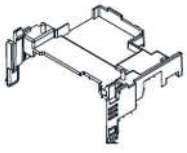
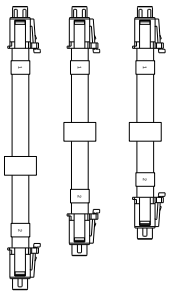
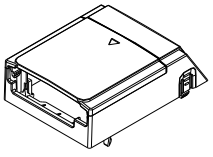
I. Add / Change Description

Change the contents of MS300 / MH300 option card package

The original option card materials are describe as follows:

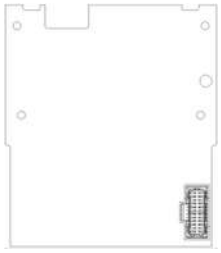
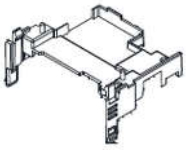
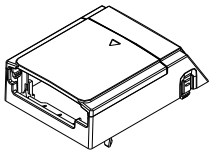
The three connecting wires included in the package, customer chooses one according to the size of drive. Therefore, two extra wires is useless and causes waste. Option card mounting which is according to the customer's installation requirements is useless as well.

Contents of the original option card product packaging:

Option card	Support Frame	Ground terminal	Communication cable	Option card package	Screw
					

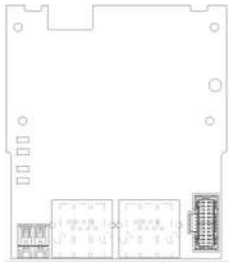
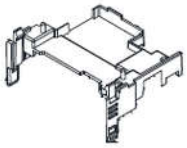
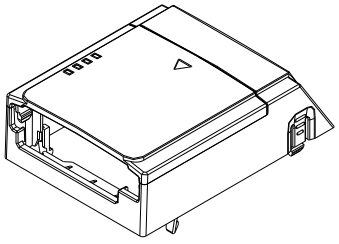
After the revision, option card package's number upgrade to version 02 (above this version, the cable and option card package need to purchase separately).

The contents of the package after the change are describe below:

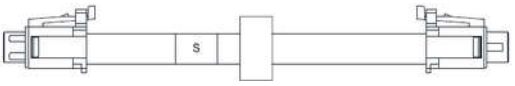
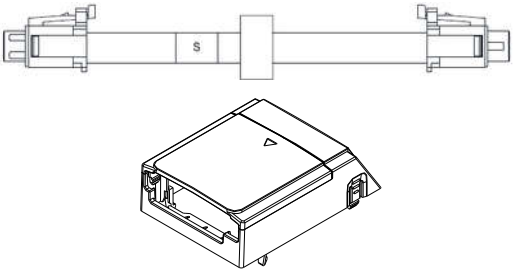
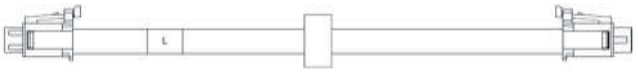
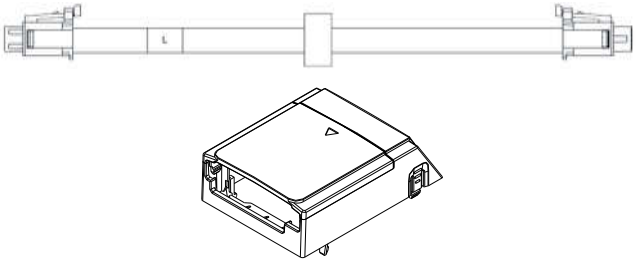
Option card	Support Frame	Ground terminal	Option card package	Screw
				

After the revision, option card does not come with a connection cable and option card mounting box **, which can be purchased by the customer together with option card if required.

(** EtherCAT option card will come with option card mounting box, but no connection cable)

EtherCAT option card	Support Frame	Ground terminal	Option card package	Screw
				

For line model name:

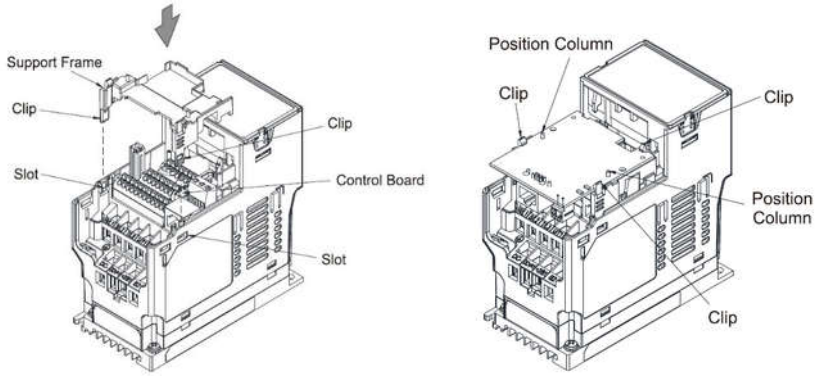
Model name	Package content	Description
CBM-CL01A		Option card is directly installed inside the drive and used in Frame A / B models
CBM-CC01A (The wire is the same as CBM-CL01A, but the part number comes with option card mounting box)		Use option card package (this installation method will increase the depth of the whole machine), used in Frame A models
CBM-CL02A		Option card is directly installed inside the drive and used in Frame C / D / E / F models
CBM-CC02A (The wire is the same as CBM-CC02A, but the part number comes with option card mounting box)		Use option card package (this installation method will increase the depth of the whole machine), used on Frame B / C / D models

II. Option card selection

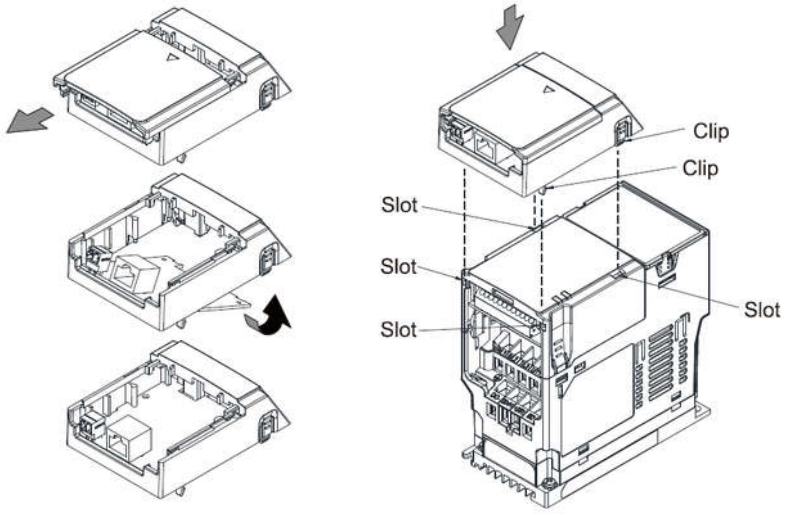
Option card selection is describe as follows:

Step 1: Select installation location of option card: Install the drive and option card package
Step 2: Confirm the frame number of the type of option card be installed: Frame A ~ Frame F
Step 3: Corresponding cable model with option card: CBM-CL01A, CBM-CL02A, CBM-CC01A, CBM-CC02A
Step 4: Option card selection is completed

- Option card is installed inside drive

<table>
<tr><td rowspan="2">Step 1</td><td>Install option</td><td colspan="6">Installed inside drive (option card is face down, without increasing depth)</td></tr>
<tr><td>Installation diagram</td><td colspan="6">
</td></tr>
<tr><td>Step 2</td><td>Confirm frame of option card</td><td>Frame A</td><td>Frame B</td><td>Frame C</td><td>Frame D</td><td>Frame E</td><td>Frame F</td></tr>
<tr><td>Step 3</td><td>Corresponding cable model with option card</td><td colspan="2">CBM-CL01A</td><td colspan="4">CBM-CL02A</td></tr>
<tr><td>Step 4</td><td>Finish</td><td colspan="6">
<table>
<tr><th>Voltage</th><th>Model name</th><th>Frame</th><th>Option card with cable</th></tr>
<tr><td rowspan="2">110V/1φ</td><td>VFD1A6MS11□NSAA
VFD2A5MS11□NSAA</td><td>A</td><td>CMM-□□□02 + CBM-CL01A</td></tr>
<tr><td>VFD4A8MS11□NSAA</td><td>C</td><td>CMM-□□□02 + CBM-CL02A</td></tr>
<tr><td rowspan="2">230V/1φ</td><td>VFD1A6MS21□□SAA
VFD2A8MS21□□SAA
VFD4A8MS21□□SAA</td><td>A/B</td><td>CMM-□□□02 + CBM-CL01A</td></tr>
<tr><td>VFD□□□MS21□□S□A</td><td>C/D/E/F</td><td>CMM-□□□02 + CBM-CL02A</td></tr>
<tr><td rowspan="2">230V/3φ</td><td>VFD1A6MS23□NSAA
VFD2A8MS23□NSAA
VFD4A8MS23□NSAA
VFD7A5MS23□NS□A</td><td>A/B</td><td>CMM-□□□02 + CBM-CL01A</td></tr>
<tr><td>VFD□□□MS23□NSAA</td><td>C/D/E/F</td><td>CMM-□□□02 + CBM-CL02A</td></tr>
<tr><td rowspan="2">460V/3φ</td><td>VFD1A5MS43□□SAA
VFD2A7MS43□□SAA
VFD4A2MS43□□S□A</td><td>A/B</td><td>CMM-□□□02 + CBM-CL01A</td></tr>
<tr><td>VFD□□□MS43□□SAA</td><td>C/D/E/F</td><td>CMM-□□□02 + CBM-CL02A</td></tr>
</table>
</td></tr>
</table>

- Option card with mounting box for option card

<table>
<tr><td rowspan="2">Step 1</td><td>Install option</td><td colspan="4">Option card with mounting box for option card (Option card face up)</td></tr>
<tr><td>Installation diagram</td><td colspan="4">
</td></tr>
<tr><td>Step 2</td><td>Confirm frame of option card</td><td>Frame A</td><td>Frame B</td><td>Frame C</td><td>Frame D</td></tr>
<tr><td>Step 3</td><td>Corresponding cable model with option card</td><td>CBM-CC01A</td><td colspan="3">CBM-CC02A</td></tr>
<tr><td>Step 4</td><td>Finish</td><td colspan="4">
<table>
<tr><th>Voltage</th><th>Model name</th><th>Frame</th><th>Option card with cable</th></tr>
<tr><td rowspan="2">110V/1φ</td><td>VFD1A6MS11□NSAA
VFD2A5MS11□NSAA</td><td>A</td><td>CMM-□□□02 + CBM-CC01A</td></tr>
<tr><td>VFD4A8MS11□NSAA</td><td>C</td><td>CMM-□□□02 + CBM-CC02A</td></tr>
<tr><td rowspan="2">230V/1φ</td><td>VFD1A6MS21□NSAA
VFD2A8MS21□NSAA</td><td>A</td><td>CMM-□□□02 + CBM-CC01A</td></tr>
<tr><td>VFD□□□MS21□□S□A</td><td>B/C/D</td><td>CMM-□□□02 + CBM-CC02A</td></tr>
<tr><td rowspan="2">230V/3φ</td><td>VFD1A6MS23□NSAA
VFD2A8MS23□NSAA
VFD4A8MS23□NSAA</td><td>A</td><td>CMM-□□□02 + CBM-CC01A</td></tr>
<tr><td>VFD□□□MS23□NSAA</td><td>B/C/D</td><td>CMM-□□□02 + CBM-CC02A</td></tr>
<tr><td rowspan="2">460V/3φ</td><td>VFD1A5MS43□□SAA
VFD2A7MS43□□SAA</td><td>A</td><td>CMM-□□□02 + CBM-CC01A</td></tr>
<tr><td>VFD□□□MS43□□SAA</td><td>B/C/D</td><td>CMM-□□□02 + CBM-CC02A</td></tr>
</table>
</td></tr>
</table>

Note:

CMM-□□□02 Among □□□ symbol represent:
COP: CANopen
PD: PROFIBUS DP
DN: DeviceNet
EIP: EtherNet/IP & Modbus TCP
EC: EtherCAT

Firmware version & Switching Period:

Switching Period	
Wujiang	TBD