

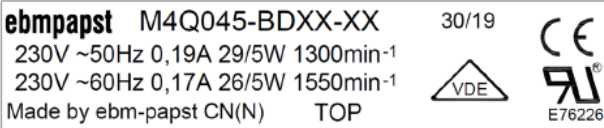
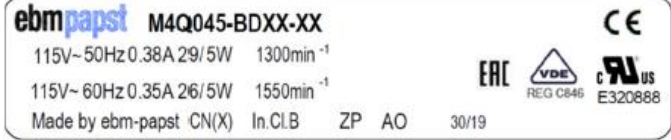



# Product Change Notice

Date:	September 5, 2019
Overview:	Manufacturing location / label changes for Q-motors
Reason for Change:	Production line transfer
Affected Part No(s):	All ebm-papst PNs beginning with "M4Q045..." 
Design Change Detail:	<ul style="list-style-type: none"> <li>• Production moving from ebm-papst's Nanhui plant ("N" plant) to ebm-papst's Xi'an plant ("X" plant) - both plants are in China</li> <li>• VDE and UL file Nos. being updated (details below)</li> <li>• UL mark changing to C-UL US mark (due to the products covering the corresponding American and Canadian standards)</li> <li>• Thermal protection marking changing from TOP/TPL to TP due to UL requirement</li> <li>• EAC mark being added where applicable</li> <li>• Insulation class information being added</li> </ul>
Effective Date:	Running change beginning within the next 90 days
Last Time Buy Deadline:	N/A
Pricing:	No change
ebm-papst employee:	Jeannine Zenobi
Attachments:	<ul style="list-style-type: none"> <li>• Label change details</li> <li>• PN listing specifying impedance vs thermal protected part numbers</li> </ul>
Comments:	Changes have no impact on the performance or electrical / mechanical interfaces

## Label Comparison – Current vs New (after changes)

Current	New
<p><b>For <u>impedance protected</u> Q-motors:</b></p> <ol style="list-style-type: none"> <li>1) UL file No. is E171165; UL mark AO mark is not necessary</li> <li>2) VDE file No. is REG.-Nr.B142</li> <li>3) Production Site is CN(N)</li> <li>4) Without EAC mark for some Q-motors</li> <li>5) Without insulation class information for some Q-motors</li> </ol>  <p><b>For <u>thermal protected</u> Q-motors:</b></p> <ol style="list-style-type: none"> <li>1) UL file No. is E76226; UL mark TP/TOP/TPL marks are allowed.</li> <li>2) VDE file No. is REG.-Nr.B142</li> <li>3) Production Site is CN(N)</li> <li>4) Without EAC mark for some Q-motors</li> <li>5) Without insulation class information for some Q-motors</li> </ol> 	<p><b>For <u>impedance protected</u> Q-motors:</b></p> <ol style="list-style-type: none"> <li>1) UL file No. is E320888; C-UL US mark AO mark is necessary for UL requirement</li> <li>2) VDE file No. is REG C846</li> <li>3) Production Site is CN(X)</li> <li>4) EAC mark added where applicable</li> <li>5) Insulation class information added</li> </ol>  <p><b>For <u>thermal protected</u> Q-motors:</b></p> <ol style="list-style-type: none"> <li>1) UL file No. is E467726; C-UL US mark Only TP mark is allowed for UL requirement</li> <li>2) VDE file No. is REG.-C846</li> <li>3) Production Site is CN(X)</li> <li>4) EAC mark added where applicable</li> <li>5) Insulation class information added</li> </ol> 

Form No: 1274	Quality Record - No	Page 1 of 1
Rev. – Orig, Released 08/28/14	Retention Period – 1 year	Dept. Owner – Sales/Marketing

<b>Part Number</b>	<b>"Thermal" or "Impedance" Protected</b>
M4Q045-BD01-70	Impedance
M4Q045-BD01-04	Impedance
M4Q045-BD03-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CF07-04	Thermal
M4Q045-CF07-46	Thermal
M4Q045-DA01-01	Thermal
M4Q045-DA05-E4	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EF01-01	Thermal
M4Q045-EF01-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-EF05-96	Thermal
M4Q045-CA27-E9	Impedance
M4Q045-CA0104AC1	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CF07-F3	Thermal
M4Q045-EF01-04	Thermal
M4Q045-CA25-04	Impedance
M4Q045-CA01-88	Impedance
M4Q045-BD03-F3	Impedance
M4Q045-CA25-F3	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CF01-F3	Thermal
M4Q045-CF07-F3	Thermal
M4Q045-BD03-F3	Impedance
M4Q045-BD03-F3	Impedance
M4Q045-CA25-F3	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CF01-F3	Thermal
M4Q045-CF07-F3	Thermal
M4Q045-BD01-01	Impedance
M4Q045-BD01-75	Impedance
M4Q045-BD03-04	Impedance
M4Q045-CA01-01	Impedance
M4Q045-CA03-51	Impedance
M4Q045-CA17-04	Impedance
M4Q045-CA25-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CF01-01	Thermal
M4Q045-CF07-04	Thermal
M4Q045-CF07-F3	Thermal
M4Q045-DA01-01	Thermal
M4Q045-DA05-01	Thermal
M4Q045-DA11-04	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EA01-01	Thermal
M4Q045-EA01-A4	Thermal
M4Q045-EA03-04	Thermal

<b>Part Number</b>	<b>"Thermal" or "Impedance" Protected</b>
M4Q045-EF01-01	Thermal
M4Q045-EF01-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-CA01-04	Impedance
M4Q045-BD03-04	Impedance
M4Q045-CF07-04	Thermal
M4Q045-DA01-01	Thermal
M4Q045-CA27-04	Impedance
M4Q045-CF07-04B	Thermal
M4Q045-EF01-04A	Thermal
M4Q045-EF01-04B	Thermal
M4Q045-EF03-04A	Thermal
M4Q045-BD03-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CF01-01	Thermal
M4Q045-CF01-04	Thermal
M4Q045-CF07-04	Thermal
M4Q045-CF07-46	Thermal
M4Q045-CF07-F3	Thermal
M4Q045-DA01-01	Thermal
M4Q045-DA05-01	Thermal
M4Q045-DA05-E4	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EF01-01	Thermal
M4Q045-EF01-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-CA17-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CF07-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-BD03-04	Impedance
M4Q045-CA17-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CF07-04	Thermal
M4Q045-CF07-46	Thermal
M4Q045-DA05-E4	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-BD03-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CA01-88	Impedance
M4Q045-CA17-96	Impedance
M4Q045-CA17-96	Impedance
M4Q045-CA27-98	Impedance
M4Q045-BD01-75	Impedance
M4Q045-BD03-04	Impedance
M4Q045-CA03-51	Impedance
M4Q045-CA03-A4	Impedance
M4Q045-CA17-04	Impedance
M4Q045-CA25-04	Impedance

<b>Part Number</b>	<b>"Thermal" or "Impedance" Protected</b>
M4Q045-CA27-04	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CF01-01	Thermal
M4Q045-CF07-04	Thermal
M4Q045-DA05-01	Thermal
M4Q045-DA05-E4	Thermal
M4Q045-DA11-04	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EA01-01	Thermal
M4Q045-EA03-04	Thermal
M4Q045-EF01-01	Thermal
M4Q045-EF01-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-BD01-01	Impedance
M4Q045-BD01-75	Impedance
M4Q045-BD03-04	Impedance
M4Q045-CA01-01	Impedance
M4Q045-CA03-51	Impedance
M4Q045-CA03-A4	Impedance
M4Q045-CA17-04	Impedance
M4Q045-CA25-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CA27-E8	Impedance
M4Q045-CF01-01	Thermal
M4Q045-CF01-04	Thermal
M4Q045-CF07-04	Thermal
M4Q045-CF07-F3	Thermal
M4Q045-DA01-01	Thermal
M4Q045-DA05-01	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EA01-01	Thermal
M4Q045-EA03-04	Thermal
M4Q045-EF01-01	Thermal
M4Q045-EF01-04	Thermal
M4Q045-BD03-04	Impedance
M4Q045-CA25-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CF01-01	Thermal
M4Q045-CF07-04	Thermal
M4Q045-CF07-46	Thermal
M4Q045-DA05-01	Thermal
M4Q045-DA13-04	Thermal
M4Q045-EF03-04	Thermal
M4Q045-BD03-04A	Impedance
M4Q045-CA01-04	Impedance
M4Q045CF0104A04	Impedance
M4Q045-CF01-04A	Thermal
M4Q045-CA25-04	Impedance
M4Q045-CA27-04	Impedance
M4Q045-CF01-E4	Thermal