### Structure of the 16-digit order number (MLFB)

**SIMOTICS Low Voltage Motors**

Structure of the 16-digit ordering number (MLFB)

1LE, 1FP, 1MB and 1PC

**www.siemens.com/mymotor**

**www.siemens.com/simotics**

DI MC LVM EU PPM 3

Special Series

91050 Erlangen, Germany

Digital Industries

Siemens AG

**B**

Motor protection: 3 PTC thermistors

**IM V1**

4-pole

**Terminal box on RHS**

**Without motor protection**

1LE, 1FP, 1MB and 1PC for standard motors

Shaft height 90

1MB Motors for hazardous areas

1LE Standard low voltage motors

all possible combinations and it does not define which digits and the combinations that are applicable for companies whose use by third parties for their own purposes could violate the rights of the respective owner.

Subject to changes and errors. The information given in this document only contains general descriptions and must be supplemented by more detailed information given in the catalog.

This flyer provides general information about the motor order number structure. However, it does not cover all possible combinations and it does not define which digits and the combinations that are applicable for all possible combinations and it does not define which digits and the combinations that are applicable for companies whose use by third parties for their own purposes could violate the rights of the respective owner.

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In the following table, the digital digits of the order number are assigned to specific combinations of features of the motors and the respective items. The rows of the table correspond to the respective order number combinations and the columns to the features of the motors.

<table>
<thead>
<tr>
<th>Order number</th>
<th>1</th>
<th>L</th>
<th>E</th>
<th>1</th>
<th>5</th>
<th>0</th>
<th>3</th>
<th>1</th>
<th>C</th>
<th>A</th>
<th>1</th>
<th>2</th>
<th>2</th>
<th>A</th>
<th>8</th>
<th>4</th>
<th>2</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**SI DRIVE IQ Twin** app on your smartphone or tablet.

is to have access to a real motor. You can then scan the QR code printed on the motor rating plate using the

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**Drive Technology Configurator**. The best way to understand the MLFB structure and the motor parameters is to use the configuration tools (LV Easy, VSD4000 Line)

Each product. To select a specific product, please refer to the catalog or the configuration tools (LV Easy, VSD4000 Line). For details please see the catalog.

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