**Quick Installation Guide**

**DRM0-INTERFACE**

**Preliminary operations**

**Refer servicing to qualified service personnel.**

For safety reasons, only a qualified electrician who has received training and/or demonstrated skills and knowledge of the inverter’s structure and operation may install this device in the inverter.

Before the DRM0-INTERFACE has been installed on the inverter, the REMOTE ON/OFF function of the inverter have to be enabled to allow at the DRM0-INTERFACE to power-off the inverter when it is needed. Refer to the Product Manual of the related inverter to know how to enable the REMOTE ON/OFF function.

**Main components**

The main components of the DRM0-INTERFACE are shown in the figure and described in the following table.

**List of components supplied**

<table>
<thead>
<tr>
<th>Available components*</th>
<th>Q.ty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRM0 INTERFACE board</td>
<td>1</td>
</tr>
<tr>
<td>Plastic enclosure</td>
<td>1</td>
</tr>
<tr>
<td>Adapter board</td>
<td>1</td>
</tr>
<tr>
<td>StandOFF</td>
<td>1</td>
</tr>
<tr>
<td>DRM0 available label</td>
<td>1</td>
</tr>
<tr>
<td>Cable tie</td>
<td>2</td>
</tr>
</tbody>
</table>

*The content of the packaging may depend on the DRM0-INTERFACE kit related to the single inverter model.

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**DRM0 Installation**

To avoid risks of electrical shock, all wiring operations on the inverter must be carried out:

- with the AC disconnect switch internal (if present) and external (if present, applying LOTO procedures on it) to OFF position.
- with the DC disconnect switch internal (if present) and external (if present, applying LOTO procedures on it) to OFF position.
- without any voltage supplied on the signal terminals (if present, disconnect the voltage and applying LOTO procedures on it).

**DRM0 side connection:**

To connect the DRM0-INTERFACE to the distribution grid use the DRM0-side connector (01) located in the DRM0-INTERFACE board marked by “J1” silkscreen.

**Inverter side connection:**

To connect the DRM0-INTERFACE to the inverter use the inverter side connector (02) located in the DRM0-INTERFACE board marked by “J2” silkscreen. Each cable type have three wires marked with the same name of terminal of the inverter side connector (02) marked in the board silkscreen.

The terminal and the cable type (supplied to be used) to connect the DRM0-INTERFACE to the inverter are dependent on the model of inverter model and the related connection procedures are shown below.

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**Inverter model and connection terminals**

**Motherboard position**

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**Available components**

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*The content of the packaging may depend on the DRM0-INTERFACE kit related to the single inverter model.
Installation of the adapter board

For the models that require the installation of the adapter board (refer to the previous table), see picture (A).

Note for installation on inverter equipped with WIFI/LOGICER CARD (VIN390):
In this case it is necessary to install the o recessed (supplied with the package) under the mechanical mounting bracket as shown in the picture (B).

After the installation of the adapter board to the inverter it will be possible to connect the DRM0-INTERFACE to the adapter board using the specific connector of cable “Model 1” as shown in the picture (C).

Final assembly and check

After the installation on the inverter board it will be possible to fix the wires on DRM0-INTERFACE board using the supplied cable tie on both sides.

After the cable fixing, close the enclosure (D) to complete the DRM0-INTERFACE assembly.

After the assembly, make sure to put the DRM0-INTERFACE inside the inverter enclosure in a suitable position. The DRM0-INTERFACE device position cannot interfere with mobile parts of the inverter (fans, switch...) or dangerous electrical parts.

To check if the DRM0-INTERFACE works, switch on the inverter and disconnect the wire from DRED in case of a correct installation the inverter should power-off.

At the end of installation phase, apply the supplied "DRM available label" near the Regulatory label of the inverter. The available label shows which type of DRM is available for the inverter.

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