**GENESYS™ 2.7kW**

**EMI**

**DATA**

<table>
<thead>
<tr>
<th>APPD</th>
<th>CHK</th>
<th>DWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME</td>
<td>A5AF.A</td>
<td>PAVEL G.</td>
</tr>
<tr>
<td>22/08/19</td>
<td>22/08/19</td>
<td>22/08/19</td>
</tr>
</tbody>
</table>

**TDK-LAMBDA**
The above data is typical value data.
The values are considered to be actual capability data.
1. Test Method

Conducted Emission

Shielded room

EMI TEST RECEIVER: ESPI (ROHDE & SCHWARZ)
LISN: ENV4200 (ROHDE & SCHWARZ)
2. Test Data

2.1 Conducted Emission

MODEL: G10-265 1P

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Interference wave list

<table>
<thead>
<tr>
<th>PHASE</th>
<th>FREQ</th>
<th>RESULT</th>
<th>LIMIT</th>
<th>MARGIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MHz</td>
<td>dBµV</td>
<td>dBµV</td>
<td>dBµV</td>
</tr>
<tr>
<td>L</td>
<td>26.71671</td>
<td>43.06</td>
<td>50.00</td>
<td>6.94</td>
</tr>
<tr>
<td>N</td>
<td>26.00536</td>
<td>45.25</td>
<td>50.00</td>
<td>4.75</td>
</tr>
</tbody>
</table>
2. Test Data

2.1 Conducted Emission

| MODEL: G10-265 1P |

Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line

Neutral
2. Test Data

2.1 Conducted Emission

**MODEL: G60-45 1P**

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line. Refer to the following interference wave list and next page for spectrum data.

Interference wave list

<table>
<thead>
<tr>
<th>PHASE</th>
<th>FREQ</th>
<th>RESULT</th>
<th>LIMIT</th>
<th>MARGIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MHz</td>
<td>AV</td>
<td>AV</td>
<td>AV</td>
</tr>
<tr>
<td>L</td>
<td>0.18953</td>
<td>47.50</td>
<td>54.06</td>
<td>6.56</td>
</tr>
<tr>
<td>N</td>
<td>0.23756</td>
<td>43.00</td>
<td>52.18</td>
<td>9.18</td>
</tr>
</tbody>
</table>

FCC Class B, IEC61204-3
2. Test Data

2.1 Conducted Emission

**MODEL: G60-45 1P**

**Conditions:**
- Vin: 1PHASE 230VAC
- Iout: 100%
- Vout: 100%
- Ta: 25°C

**Line**

**Neutral**
2. Test Data

2.1 Conducted Emission

MODEL: G150-18 1P

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Interference wave list

<table>
<thead>
<tr>
<th>PHASE</th>
<th>FREQ</th>
<th>RESULT</th>
<th>LIMIT</th>
<th>MARGIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hz</td>
<td>dBµV</td>
<td>dBµV</td>
<td>dBµV</td>
</tr>
<tr>
<td>L</td>
<td>23.02001</td>
<td>40.83</td>
<td>50.00</td>
<td>9.17</td>
</tr>
<tr>
<td>N</td>
<td>23.02001</td>
<td>39.95</td>
<td>50.00</td>
<td>10.05</td>
</tr>
</tbody>
</table>
2. Test Data

2.1 Conducted Emission

**MODEL: G150-18 1P**

Conditions:
- Vin: 1PHASE 230VAC
- Iout: 100%
- Vout: 100%
- Ta: 25°C

**Line**

**Neutral**
2. Test Data

2.1 Conducted Emission

MODEL: G600-4.5 1P

(1) Test condition

<table>
<thead>
<tr>
<th>Input voltage/frequency:</th>
<th>1PHASE 100VAC/50Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output current:</td>
<td>100%</td>
</tr>
<tr>
<td>Output voltage:</td>
<td>100%</td>
</tr>
<tr>
<td>Ambient temperature:</td>
<td>25°C</td>
</tr>
<tr>
<td>Regulation:</td>
<td>FCC Class B, IEC61204-3</td>
</tr>
</tbody>
</table>

(2) Test results

Under the above test condition, emission level was below the limit line. Refer to the following interference wave list and next page for spectrum data.

Interference wave list

<table>
<thead>
<tr>
<th>PHASE</th>
<th>FREQ</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MHz</td>
<td>dBµV</td>
<td>dBµV</td>
<td>dBµV</td>
</tr>
<tr>
<td>L</td>
<td>0.18000</td>
<td>42.00</td>
<td>54.00</td>
<td>12.00</td>
</tr>
<tr>
<td>N</td>
<td>0.23685</td>
<td>45.24</td>
<td>52.21</td>
<td>6.97</td>
</tr>
</tbody>
</table>
2. Test Data

2.1 Conducted Emission

<table>
<thead>
<tr>
<th>MODEL: G600-4.5 1P</th>
</tr>
</thead>
</table>

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C