Unterbau-Netzfilter
für Frequenzumrichter der Baureihe Mitsubishi FR-D720S / FR-E720S

- Optimal abgestimmt auf den Frequenzumrichter
- Platzsparende Montage unter oder neben dem Umrichter
- Hohe Dämpfung trotz niedrigem Ableitstrom
- Entstörung nach EN 61800-3 Kategorie C1 / EN 55011 Klasse B
- Gebaut nach EN 60939, UL 1283, RoHS


<table>
<thead>
<tr>
<th>Umrichtertyp</th>
<th>Leistung kW</th>
<th>Filtertyp</th>
<th>Nennspannung V</th>
<th>Nennstrom A</th>
<th>Ableitstrom mA</th>
<th>Abmessungen H x B x T in mm</th>
<th>Befestigung X x Y in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR-D720S-008-EC</td>
<td>0,1</td>
<td>NF-U-MI-D/E72OS-12014*</td>
<td>250, 1ph</td>
<td>14</td>
<td>7,0</td>
<td>168 x 72 x 38</td>
<td>158 x 56</td>
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<tr>
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<td>168 x 72 x 38</td>
<td>158 x 56</td>
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<tr>
<td>FR-D720S-025-EC</td>
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<td>NF-U-MI-D/E72OS-12014*</td>
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<td>168 x 72 x 38</td>
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<td>FR-D720S-047-EC</td>
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<td>58 x 96</td>
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<tr>
<td>FR-D720S-100-EC</td>
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<td>26</td>
<td>7,0</td>
<td>214 x 145 x 46</td>
<td>200 x 104</td>
</tr>
</tbody>
</table>

* Auch als Low Leakage (LL) Version erhältlich mit einem reduzierten Ableitstrom < 1 mA.


Prinzipschaltbild 1-phasig

Abmessungen (Zeichnung nicht maßstabsgerecht)

www.epa-filter.de
Rev. 07/2011
Unterbau-Netzfilter
für Frequenzumrichter der Baureihe Mitsubishi FR-D720S / FR-E720S

Ableitstromarm (Low Leakage, LL)
- Optimal abgestimmt auf den Frequenzumrichter
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- Entstörung nach EN 61800-3 Kategorie C1 / EN 55011 Klasse B
- Gebaut nach EN 60939, UL 1283, RoHS


<table>
<thead>
<tr>
<th>Umrichtertyp</th>
<th>Leistung kW</th>
<th>Filtertyp</th>
<th>Nennspannung V</th>
<th>Nennstrom A</th>
<th>Ableitstrom mA nom. / max.</th>
<th>Abmessungen H x B x T in mm</th>
<th>Befestigung X x Y in mm</th>
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<td>158 x 56</td>
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<td>168 x 72 x 38</td>
<td>158 x 56</td>
</tr>
<tr>
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<td>20</td>
<td>0,1 / 3,5</td>
<td>168 x 113 x 38</td>
<td>58 x 96</td>
</tr>
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<td>14</td>
<td>0,1 / 3,5</td>
<td>168 x 72 x 38</td>
<td>158 x 56</td>
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<tr>
<td>FR-E720S-015-EC</td>
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<td>158 x 56</td>
</tr>
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<td>158 x 96</td>
</tr>
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<td>158 x 96</td>
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<td>26</td>
<td>0,1 / 3,5</td>
<td>214 x 145 x 46</td>
<td>200 x 104</td>
</tr>
</tbody>
</table>

Prinzipschaltbild 1-phasig

Abmessungen (Zeichnung nicht maßstabsgerecht)

www.epa-filter.de
Rev. 07/2011
Unterbau-Netzfilter
für Frequenzumrichter der Baureihe Mitsubishi FR-E740 / FR-D740

- Optimal abgestimmt auf den Frequenzumrichter
- Platzsparende Montage unter oder neben dem Umrichter
- Hohe Dämpfung trotz niedrigem Ableitstrom
- Entstörung nach EN 61800-3 Kategorie C1 / EN 55011 Klasse B
- Gebaut nach EN 60939, UL 1283, RoHS


<table>
<thead>
<tr>
<th>Umrichtertyp</th>
<th>Leistung kW</th>
<th>Filtertyp</th>
<th>Nenndspannung V</th>
<th>Nenndurchstrom A</th>
<th>Ableitstrom mA</th>
<th>Abmessungen H x B x T in mm</th>
<th>Befestigung X x Y in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR-D740-012-EC</td>
<td>0,4</td>
<td>NF-U-MI-D740-34008*</td>
<td>480, 3p</td>
<td>8,0</td>
<td>2,0 / 110</td>
<td>158 x 114 x 45</td>
<td>158 x 96</td>
</tr>
<tr>
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<td>NF-U-MI-D740-34008*</td>
<td>480, 3p</td>
<td>8,0</td>
<td>2,0 / 110</td>
<td>158 x 114 x 45</td>
<td>158 x 96</td>
</tr>
<tr>
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<td>8,0</td>
<td>2,0 / 110</td>
<td>158 x 114 x 45</td>
<td>158 x 96</td>
</tr>
<tr>
<td>FR-D740-050-EC</td>
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<td>NF-U-MI-D740-34016*</td>
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<td>158 x 96</td>
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<td>2,0 / 110</td>
<td>158 x 114 x 45</td>
<td>158 x 96</td>
</tr>
<tr>
<td>FR-D740-120-EC</td>
<td>5,5</td>
<td>NF-U-MI-D740-34030*</td>
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<td>30</td>
<td>1,1 / 43</td>
<td>198 x 225 x 55</td>
<td>198 x 208</td>
</tr>
<tr>
<td>FR-D740-160-EC</td>
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<td>NF-U-MI-D740-34030*</td>
<td>480, 3p</td>
<td>30</td>
<td>1,1 / 43</td>
<td>210 x 225 x 55</td>
<td>198 x 208</td>
</tr>
<tr>
<td>FR-E740-016-EC</td>
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<td>NF-U-MI-E740-34008*</td>
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<td>210 x 145 x 38</td>
<td>198 x 128</td>
</tr>
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<td>210 x 145 x 38</td>
<td>198 x 128</td>
</tr>
<tr>
<td>FR-E740-040-EC</td>
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<td>1,5 / 80</td>
<td>210 x 145 x 46</td>
<td>198 x 128</td>
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<tr>
<td>FR-E740-120-EC</td>
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<td>NF-U-MI-E740-34030*</td>
<td>480, 3p</td>
<td>30</td>
<td>1,1 / 43</td>
<td>210 x 225 x 55</td>
<td>198 x 208</td>
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<td>198 x 208</td>
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<tr>
<td>FR-E740-230-EC</td>
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<td>318 x 216 x 56</td>
<td>302 x 195</td>
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<tr>
<td>FR-E740-300-EC</td>
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<td>NF-U-MI-E740-34050*</td>
<td>480, 3p</td>
<td>50</td>
<td>1,5 / 80</td>
<td>318 x 216 x 56</td>
<td>302 x 195</td>
</tr>
</tbody>
</table>

* Auch als Low Leakage (LL) Version erhältlich mit einem reduzierten Ableitstrom < 1 mA.


Prinzipschaltbild FR-D740
Abmessungen (Zeichnung nicht maßstabsberechtet)

Prinzipschaltbild FR-E740

www.epa-filter.de

Rev. 07/2011
Unterbau-Netzfilter

für Frequenzumrichter der Baureihe Mitsubishi FR-E740 / FR-D740

Ableitstromarm (Low Leakage, LL)
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<th>Befestigung X x Y in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR-D740-012-EC</td>
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<td>NF-U-MI-D740-34008-LL</td>
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<td>8,0</td>
<td>0,5 / 32</td>
<td>168 x 114 x 45</td>
<td>158 x 96</td>
</tr>
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<td>NF-U-MI-D740-34008-LL</td>
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<td>0,5 / 32</td>
<td>168 x 114 x 45</td>
<td>158 x 96</td>
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<td>168 x 114 x 45</td>
<td>158 x 96</td>
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<tr>
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<td>158 x 96</td>
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<td>198 x 208</td>
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<td>198 x 128</td>
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<td>FR-E740-060-EC</td>
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<td>198 x 128</td>
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<td>198 x 128</td>
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<td>FR-E740-120-EC</td>
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<td>NF-U-MI-E740-34030-LL</td>
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<td>198 x 208</td>
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<td>0,5 / 32</td>
<td>210 x 225 x 55</td>
<td>198 x 208</td>
</tr>
<tr>
<td>FR-E740-230-EC</td>
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<td>NF-U-MI-E740-34050-LL</td>
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<td>50</td>
<td>0,5 / 22</td>
<td>318 x 216 x 56</td>
<td>302 x 195</td>
</tr>
<tr>
<td>FR-E740-300-EC</td>
<td>15</td>
<td>NF-U-MI-E740-34050-LL</td>
<td>480, 3ph</td>
<td>50</td>
<td>0,5 / 22</td>
<td>318 x 216 x 56</td>
<td>302 x 195</td>
</tr>
</tbody>
</table>

Prinzipschaltbild FR-D740

Abmessungen (Zeichnung nicht maßstabsberechtigt)

www.epa-filter.de  Rev. 07/2011