Instruction
FC 300 24 V DC Back-up
External Supply
Follow these steps:

1. Remove the LCP (F) or Blind Cover
2. Remove the Terminal Cover (G)
3. Remove the Cable Decoupling Plate (H) and the plastic cover underneath
4. Insert the 24 V DC Back-up External Supply Option (D) in the Option Slot (E)
5. Mount the Cable Decoupling Plate (H)
6. Attach the Terminal Cover (G) and the LCP (F) or Blind Cover.
External 24 V DC Supply

You can use the external 24 V DC supply as low-voltage supply to the control card or any option card installed. This enables full operation of the LCP (including the parameter setting) without connection to mains.

24 V Back-Up Option

Terminal numbers:

Terminal 35: - external 24 V DC supply.
Terminal 36: + external 24 V DC supply.

## External 24 V DC supply specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage range</td>
<td>24 V DC ±15%</td>
</tr>
<tr>
<td></td>
<td>(max. 37 V in 10 s)</td>
</tr>
<tr>
<td>Max. input current</td>
<td>2.2 A</td>
</tr>
<tr>
<td>Max. cable length</td>
<td>75 m</td>
</tr>
<tr>
<td>Input capacitance load</td>
<td>≤ 110 uF</td>
</tr>
<tr>
<td>Power-up delay</td>
<td>≤ 0.6 s</td>
</tr>
</tbody>
</table>
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