Interfaces and Pre-assembled cables for Honeywell C300

Let’s connect.

PLC-system-cabling

New interfaces for the Honeywell Experion® PKS C300 controller

Weidmüller’s new interfaces and pre-assembled cables allow you to wire up PLC-systems efficiently and quickly in the field.

The Experion® PKS C300 is a highly modular programmable logic controller (PLC) designed for installation in the feedback line or in a separate enclosure. This design allows the Experion® PKS C300 to be connected directly to the field wiring in one step or pre-assembled solutions for combination with existing systems. The new interfaces are designed to be used in combination with the Experion® PKS C300 controller and the field. In comparison to traditional PLC-systems, efficiency is increased using pre-assembled cables and the field.

Product Finder and automatic selection guides:

To help you choose the right products for your application, Weidmüller offers a Product Finder with a selection table which can be found on the following pages.

In addition, on our website, we have an automatic selection guide, using intuitive software which can be found at www.weidmueller.com.

Main advantages

- Simple system configuration
  Selection tables are available in this catalogue to assist you in choosing the right products for your application.
  In addition, there is also an automatic selection guide on the website.

- High current switching capability
  The isolated digital output FTAs provide a high current switching capacity in a compact design.

- Clear identification
  The IOTA and FTA are delivered with the same Weidmüller connectors and the same orientation.

- Minimised wiring effort
  Pluggable connectors and cables minimise the on site wiring effort.
  Cables can provided with a robust housing (Premium) or without (Basic).

- A quicker and easier connection
  Pre-assembled wiring harnesses join IOTA and FTA with a fast and easy connection free from errors.
  The pre-assembled cables can be manufactured with different cross sections and in different lengths up to 50 m.

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## Interfaces and Pre-assembled cables for Honeywell C300

The following interface guides enable you quickly and easily choose the right product according to your application needs.

**STEP 1** Choose the most suitable interface for the application.

### Selection Guide for pre-assembled cables and FTA for Honeywell C300 IOTA’s

<table>
<thead>
<tr>
<th>Kind of Card</th>
<th>Card Type</th>
<th>Cable Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal IO</td>
<td>CC-TUIO01</td>
<td>16 AO</td>
</tr>
<tr>
<td></td>
<td>CC-TDOB01</td>
<td>16 AI</td>
</tr>
<tr>
<td></td>
<td>CC-TUIO11</td>
<td>16 AO</td>
</tr>
<tr>
<td></td>
<td>CC-TAID01</td>
<td>16 AI</td>
</tr>
<tr>
<td></td>
<td>CC-TDI230</td>
<td>16 AO</td>
</tr>
<tr>
<td></td>
<td>CC-TDI220</td>
<td>16 AI</td>
</tr>
<tr>
<td></td>
<td>CC-TDI110</td>
<td>16 AO</td>
</tr>
<tr>
<td></td>
<td>CC-TAIX61</td>
<td>16 AI</td>
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<tr>
<td></td>
<td>CC-TAIX11</td>
<td>16 AI</td>
</tr>
<tr>
<td></td>
<td>CC-TDIL11</td>
<td>16 AO</td>
</tr>
<tr>
<td>C300-36B-324B (Premium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C300-32B-320B (Premium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C300-32B-320B (Premium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAC-C300-3232 (Basic)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C300-32B-320B + 16 AO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or 16 AI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Interfaces for digital cards (2x32 poles)

- **Passing through interface**
  - 6mm relays - Input voltage 24Vdc 6mm relays - 4A output current
- **External power supply connector**
- **Screw FTA-C300-32DO-FUSE-S**
- **Screw FTA-C300-32DI-LD-S**

### Interfaces for digital/analogue cards (32 poles)

- **Tension-clamp FTA-C300-32DIOHV-Z**
- **Tension-clamp FTA-C300-32DI-LD-Z**
- **Plug-in connection FTA-C300-16AI-SH-Z**

### Passive interface for digital cards (2x32 poles)

- **FTA-C300-32DO-SH-Z**
- **FTA-C300-32DIOHV-Z**
- **FTA-C300-32DI-LD-Z**

### Passive interface for analog cards (32 poles)

- **FTA-C300-16AI-TEST-Z**
- **FTA-C300-16AO-TEST-Z**
- **FTA-C300-16AO-SH-Z**

### Passive interface for analog cards (2x16 poles)

- **FTA-C300-32AO-SH-Z**
- **FTA-C300-32AI-TEST-Z**
- **FTA-C300-32AO-TEST-Z**

### Passive interface for digital/analogue cards (32 poles, 16/32)

- **FTA-C300-16DAI-SH-Z**
- **FTA-C300-32DIOHV-Z**
- **FTA-C300-32DI-LD-Z**

### Passive interface for digital cards (2x16 poles)

- **FTA-C300-16DO-SH-Z**
- **FTA-C300-16DO-SH-S**
- **FTA-C300-16DO-SH-Z**

### Passive interface for digital cards (16 poles)

- **FTA-C300-16AO-SH-S**
- **FTA-C300-16AO-TEST-Z**
- **FTA-C300-16AO-SH-Z**

### Cross section Type Order No.

- 0.50 mm² PAC-C300-1616-50-1M
- 0.50 mm² PAC-C300-3636-50-1M
- 0.14 mm² PAC-C300-3636-14-1M
- 0.50 mm² C300-16B-160B-2S-M50-1M
- 0.25 mm² C300-16B-160B-2S-M25-1M
- 0.34 mm² C300-16B-F-2S-M34-1M
- 0.34 mm² PAC-C300-32-F-34-1M
- 0.25 mm² PAC-C300-32-F-25-1M
- 0.14 mm² PAC-C300-32-F-14-1M
- 0.14 mm² PAC-C300-32-F-2S-M14-1M
- 0.14 mm² C300-32B-216B-2S-M14-1M
- 0.25 mm² PAC-C300-32-F-2S-M25-1M
- 0.14 mm² PAC-C300-32-F-2S-M14-1M
- 0.14 mm² C300-32B-F-2S-M14-1M
- 0.50 mm² C300-16B-F-2S-M50-1M
- 0.34 mm² PAC-C300-32-F-34-1M
- 0.25 mm² PAC-C300-32-F-25-1M
- 0.14 mm² PAC-C300-32-F-14-1M
- 0.14 mm² PAC-C300-32-F-2S-M14-1M
- 0.14 mm² C300-32B-F-2S-M14-1M

### Cross section Type Order No.

- 0.50 mm² PAC-C300-36-F-50-1M
- 0.34 mm² PAC-C300-36-F-34-1M
- 0.25 mm² PAC-C300-36-F-25-1M
- 0.14 mm² PAC-C300-36-F-14-1M
- 0.50 mm² C300-36B-F-2S-M50-1M
- 0.25 mm² C300-36B-F-2S-M25-1M
- 0.34 mm² C300-32-F-34-1M
- 0.25 mm² PAC-C300-32-F-25-1M
- 0.14 mm² PAC-C300-32-F-14-1M
- 0.14 mm² C300-32B-F-2S-M14-1M
- 0.50 mm² C300-36B-F-2S-M50-1M
- 0.25 mm² C300-36B-F-2S-M25-1M
- 0.34 mm² C300-32-F-34-1M
- 0.25 mm² PAC-C300-32-F-25-1M
- 0.14 mm² PAC-C300-32-F-14-1M
- 0.14 mm² PAC-C300-32-F-2S-M14-1M
- 0.14 mm² C300-32B-F-2S-M14-1M