

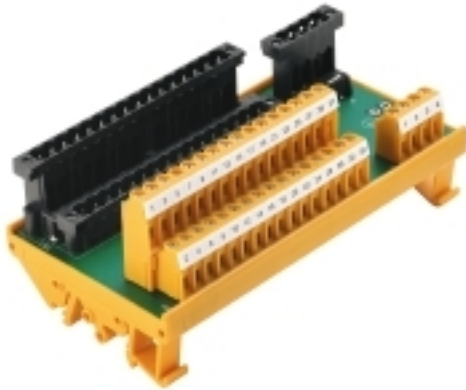
**FTA-C300-16AI-SH-S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Similar to illustration

Analogue input/output direct FTAs for Honeywell C300 IOTAs.

Passive interfaces (FTA) for connecting the Honeywell C300 analog IOTAs.

- Clearly labelled: Same connector and position on the FTA and on the IOTA.
- 2 units may also be used for the digital IOTAs.
- Disconnecting plugs and test points (2mm in diameter) for voltage and current measurements.
- The FTAs incorporate an M4 connection for the shielding.
- Screw or tension clamp connection

**General ordering data**

|            |                                         |
|------------|-----------------------------------------|
| Version    | Interface, RS, 1-wire, Screw connection |
| Order No.  | <a href="#">1247120000</a>              |
| Type       | FTA-C300-16AI-SH-S                      |
| GTIN (EAN) | 4050118035377                           |
| Qty.       | 1 pc(s).                                |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

## FTA-C300-16AI-SH-S

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 56 mm  | Depth (inches)  | 2.205 inch |
| Height     | 70 mm  | Height (inches) | 2.756 inch |
| Width      | 135 mm | Width (inches)  | 5.315 inch |
| Net weight | 194 g  |                 |            |

## Temperatures

|                             |             |                             |             |
|-----------------------------|-------------|-----------------------------|-------------|
| Storage temperature         | -40...60 °C | Operating temperature       | -25...50 °C |
| Operating temperature, min. | -25 °C      | Operating temperature, max. | 50 °C       |

## General data

|                                |    |                                  |    |
|--------------------------------|----|----------------------------------|----|
| LED status display per channel | No | Disconnection per channel        | No |
| Voltage point of measurement   | No | Current-measuring testpoint      | No |
| Type of test point             | No | Switch                           | No |
| Fuse per channel               | No | LED status of the supply voltage | No |
| Power supply fuse              | No |                                  |    |

## Connection data

|                                |                |                             |                   |
|--------------------------------|----------------|-----------------------------|-------------------|
| Connection (field side)        | LP2N 5.08mm    | Connection on control side  | SLDV-THR 5.08     |
| Number of poles (control side) | 32-pole female | Protective earth connection | M4 round terminal |
| Wiring system                  | 1-wire         |                             |                   |

## Ratings data

|                   |                     |                          |     |
|-------------------|---------------------|--------------------------|-----|
| Operating voltage | 250 V AC / 350 V DC | Max. current per channel | 1 A |
|-------------------|---------------------|--------------------------|-----|

## Insulation coordination (EN50178)

|                               |              |                          |            |
|-------------------------------|--------------|--------------------------|------------|
| According to                  | DIN EN 50178 | Rated insulation voltage | < 250 V AC |
| Surge voltage category        | II           | Pollution severity level | 2          |
| Pulse voltage test (1,2/50µs) | 2 kV         | Insulation test voltage  | 1.2 kVAC   |

## Connection field

|                                  |                     |                              |                      |
|----------------------------------|---------------------|------------------------------|----------------------|
| Clamping range, max.             | 6 mm <sup>2</sup>   | Clamping range, min.         | 0.13 mm <sup>2</sup> |
| Flexible with sleeve, max.       | 2.5 mm <sup>2</sup> | Flexible with sleeve, min.   | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K       | 4 mm <sup>2</sup>   | Flexible, min. H05(07) V-K   | 0.5 mm <sup>2</sup>  |
| Max. wire cross-section, AWG     | AWG 12              | Min. wire cross-section, AWG | AWG 26               |
| Sleeve with plastic collar, max. | 2.5 mm <sup>2</sup> | Solid, max. H05(07) V-U      | 6 mm <sup>2</sup>    |
| Solid, min. H05(07) V-U          | 0.5 mm <sup>2</sup> | Stripping length             | 6 mm                 |
| Tightening torque, max.          | 0.6 Nm              | Tightening torque, min.      | 0.5 Nm               |
| Type of connection               | Screw connection    |                              |                      |

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## Technical data

## Supply connection

|                              |                     |                                   |                      |
|------------------------------|---------------------|-----------------------------------|----------------------|
| Type of connection           | Screw connection    | Clamping range, min.              | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 6 mm <sup>2</sup>   | Solid, min. H05(07) V-U           | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 6 mm <sup>2</sup>   | Flexible, min. H05(07) V-K        | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 4 mm <sup>2</sup>   | Flexible with sleeve, max.        | 2.5 mm <sup>2</sup>  |
| Flexible with sleeve, min.   | 2.5 mm <sup>2</sup> | Ferrule with plastic collar, max. | 0.5 mm <sup>2</sup>  |
| Wire cross-section, min. AWG | AWG 12              | Wire cross-section, max. AWG      | AWG 26               |
| Tightening torque, min.      | 0.5 Nm              | Tightening torque, max.           | 0.6 Nm               |
| Stripping length             | 6 mm                |                                   |                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002780    | ETIM 7.0    | EC002780    |
| ETIM 8.0    | EC002780    | ECLASS 9.0  | 27-14-11-52 |
| ECLASS 9.1  | 27-14-11-52 | ECLASS 10.0 | 27-14-11-52 |
| ECLASS 11.0 | 27-14-11-52 | ECLASS 12.0 | 27-14-11-52 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 2e4a427f-c282-4ebf-8ee2-8af7c9348f4e |

## Approvals

Approvals



ROHS Conform

## Downloads

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| Product Change Notification | <a href="#">20210517 Technical change to FTA-C300</a> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>              |
| Brochures                   |                                                       |

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**Drawings**

