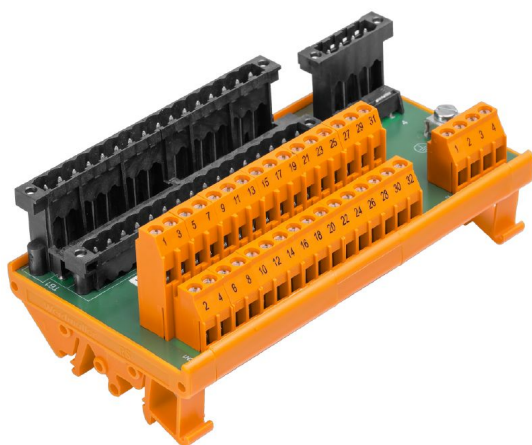


**FTA-C300-16AI-SH-Z****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Tension-clamp connection |
| Order No.       | <a href="#">1247130000</a>                      |
| Type            | FTA-C300-16AI-SH-Z                              |
| GTIN (EAN)      | 4050118035421                                   |
| Qty.            | 1 items                                         |
| Delivery status | Discontinued                                    |
| Available until | 2014-05-20T00:00:00+02:00                       |

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## Technical data

## Approvals

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UR)  | E141197                    |

## Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Depth      | 56 mm  | Depth (inches)  | 2.2047 inch |
| Height     | 70 mm  | Height (inches) | 2.7559 inch |
| Width      | 135 mm | Width (inches)  | 5.3149 inch |
| Net weight | 178 g  |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 2e4a427f-c282-4ebf-8ee2-8af7c9348f4e |

## Rated data UL

|                                |       |                                |                    |
|--------------------------------|-------|--------------------------------|--------------------|
| Rated current IN               | 1 A   | Operating temperature UL, min. | -25 °C             |
| Operating temperature UL, max. | 50 °C | Rated voltage UN               | 250V AC / 350 V DC |

## 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 | Contactors                       | No |
| Fuse per channel               | No | LED status of the supply voltage | No |
| Power supply fuse              | No |                                  |    |

## Connection data

|                                |                |                             |                   |
|--------------------------------|----------------|-----------------------------|-------------------|
| Number of poles (control side) | 32-pole female | Protective earth connection | M4 round terminal |
| Wiring system                  | 1-wire         | Connection (field side)     | LM2NZF 5.08mm     |
| Connection on control side     | SLDV-THR 5.08  |                             |                   |

## 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 AC | 1.2 kV    |

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## Technical data

## Connection field

|                                  |                     |                            |                          |
|----------------------------------|---------------------|----------------------------|--------------------------|
| Min. wire cross-section, AWG     | AWG 24              | Type of connection         | Tension-clamp connection |
| Sleeve with plastic collar, max. | 1.5 mm <sup>2</sup> | Flexible with sleeve, min. | 0.25 mm <sup>2</sup>     |
| Flexible with sleeve, max.       | 1.5 mm <sup>2</sup> | Flexible, max. H05(07) V-K | 1.5 mm <sup>2</sup>      |
| Flexible, min. H05(07) V-K       | 0.2 mm <sup>2</sup> | Solid, max. H05(07) V-U    | 2.5 mm <sup>2</sup>      |
| Solid, min. H05(07) V-U          | 0.2 mm <sup>2</sup> | Stripping length           | 7.5 mm                   |
| Clamping range, max.             | 2.5 mm <sup>2</sup> | Clamping range, min.       | 0.13 mm <sup>2</sup>     |
| Max. wire cross-section, AWG     | AWG 14              |                            |                          |

## Supply connection

|                              |                          |                                   |                      |
|------------------------------|--------------------------|-----------------------------------|----------------------|
| Type of connection           | Tension-clamp connection | Clamping range, min.              | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 2.5 mm <sup>2</sup>      | Solid, min. H05(07) V-U           | 0.2 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 2.5 mm <sup>2</sup>      | Flexible, min. H05(07) V-K        | 0.2 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 1.5 mm <sup>2</sup>      | Flexible with sleeve, max.        | 1.5 mm <sup>2</sup>  |
| Flexible with sleeve, min.   | 0.25 mm <sup>2</sup>     | Ferrule with plastic collar, max. | 1.5 mm <sup>2</sup>  |
| Wire cross-section, min. AWG | AWG 14                   | Wire cross-section, max. AWG      | AWG 24               |
| Stripping length             | 7.5 mm                   |                                   |                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002780    | ETIM 7.0    | EC002780    |
| ETIM 8.0    | EC002780    | ETIM 9.0    | EC002780    |
| ETIM 10.0   | 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 |
| ECLASS 13.0 | 27-14-11-52 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 |             |             |

## Drawings

