

## FTA-C300-16AI-TEST-S

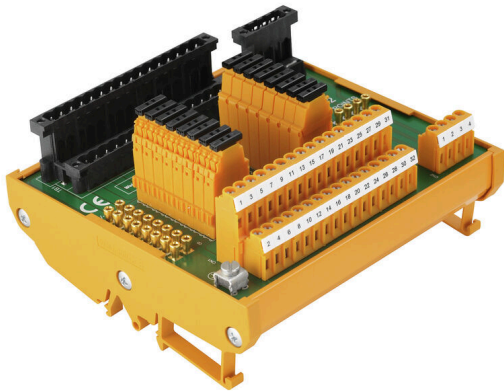
**Weidmüller Interface GmbH & Co. KG**

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, Screw connection |
| Order No.  | <a href="#">1247140000</a>              |
| Type       | FTA-C300-16AI-TEST-S                    |
| GTIN (EAN) | 4050118035414                           |
| Qty.       | 1 items                                 |

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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      | 95 mm  | Depth (inches)  | 3.7401 inch |
| Height     | 133 mm | Height (inches) | 5.2362 inch |
| Width      | 141 mm | Width (inches)  | 5.5512 inch |
| Net weight | 437 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. | 0 °C    |
| Operating temperature UL, max. | 25 °C | Rated voltage UN               | 24 V DC |

## General data

|                                |                |                                  |     |
|--------------------------------|----------------|----------------------------------|-----|
| LED status display per channel | No             | Disconnection per channel        | Yes |
| Voltage point of measurement   | Yes            | Current-measuring testpoint      | Yes |
| Type of test point             | Diameter: 2 mm | Contactora                       | 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)     | LP2N 5.08mm       |
| Connection on control side     | SLDV-THR 5.08  |                             |                   |

## Ratings data

|                   |               |                          |     |
|-------------------|---------------|--------------------------|-----|
| Operating voltage | 24 V DC ± 10% | Max. current per channel | 1 A |
|-------------------|---------------|--------------------------|-----|

## Insulation coordination (EN50178)

|                               |              |                            |           |
|-------------------------------|--------------|----------------------------|-----------|
| According to                  | DIN EN 50178 | Rated insulation voltage   | ≤ 50 V DC |
| Surge voltage category        | III          | Pollution severity level   | 2         |
| Pulse voltage test (1,2/50µs) | 0.8 kV       | Insulation test voltage AC | 0.35 kV   |

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**Technical data**

**Connection field**

|                                  |                     |                            |                      |
|----------------------------------|---------------------|----------------------------|----------------------|
| Min. wire cross-section, AWG     | AWG 26              | Type of connection         | Screw connection     |
| Sleeve with plastic collar, max. | 2.5 mm <sup>2</sup> | Flexible with sleeve, min. | 0.5 mm <sup>2</sup>  |
| Flexible with sleeve, max.       | 2.5 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> | 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               |
| Clamping range, max.             | 6 mm <sup>2</sup>   | Clamping range, min.       | 0.13 mm <sup>2</sup> |
| Max. wire cross-section, AWG     | AWG 12              |                            |                      |

**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 8.0    | EC002780    | ETIM 9.0    | EC002780    |
| ETIM 10.0   | EC002780    | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 |             |             |

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**Drawings**

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