

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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. | 1247120000 |
| Type | FTA-C300-16AI-SH-S |
| GTIN (EAN) | 4050118035377 |
| Qty. | 1 pc(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 |
|---------------------|-------------|-----------------------|-------------|

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 AC | 1.2 kV |

Connection field

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

Supply connection

| | | | |
|------------------------------|---------------------|-----------------------------------|----------------------|
| Type of connection | Screw connection | Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² | Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 6 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible with sleeve, max. | 2.5 mm ² |
| Flexible with sleeve, min. | 2.5 mm ² | Ferrule with plastic collar, max. | 0.5 mm ² |
| 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 | | |

Creation date June 4, 2024 11:20:20 AM CEST

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| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002780 | ETIM 7.0 | EC002780 |
| ETIM 8.0 | EC002780 | ETIM 9.0 | 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 |

Environmental Product Compliance

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

Approvals

Approvals



| | |
|-----------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E141197 |

Downloads

| | |
|-----------------------------|---|
| Product Change Notification | 20210517 Technical change to FTA-C300 |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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www.weidmueller.com**Drawings**