

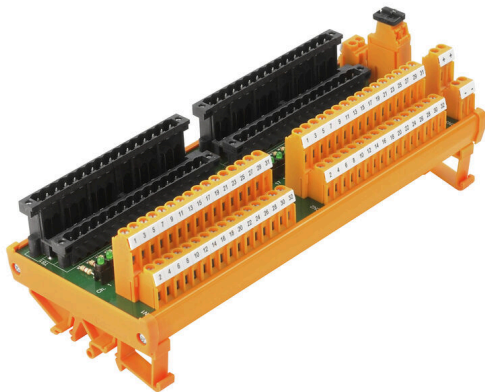
FTA-C300-32DI-LD-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Digital input/output direct FTAs for Honeywell C300 IOTAs.

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

- Clearly labelled: Same connector and position on the FTA and on the IOTA.
- The light indicator (LED) indicates the position of the switch.
- Possibility of feeding the IOTA from the FTA (fuse protected).
- Fuse protection per channel (optional).
- Screw or tension clamp connection.

General ordering data

| | |
|------------|---|
| Version | Interface, RS, 1-wire, Screw connection |
| Order No. | 1222940000 |
| Type | FTA-C300-32DI-LD-S |
| GTIN (EAN) | 4050118006520 |
| Qty. | 1 items |

FTA-C300-32DI-LD-S

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Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 65 mm | Depth (inches) | 2.5591 inch |
| Height | 87 mm | Height (inches) | 3.4252 inch |
| Width | 216 mm | Width (inches) | 8.5039 inch |
| Net weight | 407 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, 7a, 7cl |
| 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 |
| Rated voltage DC UN (supply) | 24 V | Rated current (supply) | 0.63 A |
| Rated current fuse (supply) | 0.63 A | | |

General data

| | | | |
|--------------------------------|--------|----------------------------------|--------|
| LED status display per channel | green | Disconnection per channel | No |
| Voltage point of measurement | No | Current-measuring testpoint | No |
| Type of test point | No | Contact | No |
| Fuse per channel | No | LED status of the supply voltage | yellow |
| Power supply fuse | 630 mA | | |

Connection data

| | | | |
|--------------------------------|---------------|-------------------------|-------------|
| Number of poles (control side) | 64-pole | Connection supply | LP2N 5.08mm |
| 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 \pm 10% | Max. current per channel | 1 A |
| Total operating current | 5 A | | |

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Insulation coordination (EN50178)

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

Connection field

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

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 | | |

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 | | |

