

**FTA-C300-32DO-RSLIM-S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Insulated FTAs for Honeywell C300 IOTA digital input/output.

Insulated 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.
- High current switching capacity in a compact design
- Possibility of feeding the IOTA from the FTA (fuse protected)
- Screw or tension clamp connection

**General ordering data**

|            |                                         |
|------------|-----------------------------------------|
| Version    | Interface, RS, 1-wire, Screw connection |
| Order No.  | <a href="#">1221570000</a>              |
| Type       | FTA-C300-32DO-RSLIM-S                   |
| GTIN (EAN) | 4050118005219                           |
| Qty.       | 1 pc(s).                                |

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## Technical data

## Dimensions and weights

|                |            |                 |             |
|----------------|------------|-----------------|-------------|
| Height         | 95 mm      | Height (inches) | 3.74 inch   |
| Length         | 368 mm     | Length (inches) | 14.488 inch |
| Net weight     | 1,557 g    | Width           | 133 mm      |
| Width (inches) | 5.236 inch |                 |             |

## Temperatures

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

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## General data

|                                  |        |                        |     |
|----------------------------------|--------|------------------------|-----|
| LED status display per relay     | green  | Disconnecter per relay | No  |
| Fuse per relay                   | No     | Switch                 | No  |
| LED status of the supply voltage | yellow | Power supply fuse      | 5 A |

## Connection data

|                         |             |                                |               |
|-------------------------|-------------|--------------------------------|---------------|
| Connection (field side) | LP3R 5.08mm | Connection on control side     | SLDV-THR 5.08 |
| Connection supply       | LP2N 5.08mm | Number of poles (control side) | 64-pole       |
| Wiring system           | 1-wire      |                                |               |

## Rating data

|                         |                                      |
|-------------------------|--------------------------------------|
| Mechanical service life | 5 x 10 <sup>6</sup> switching cycles |
|-------------------------|--------------------------------------|

## Ratings data input

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Input voltage | 24 V DC ± 10% | Input current | 13 mA |
|---------------|---------------|---------------|-------|

## Ratings data output

|                            |            |                      |                        |
|----------------------------|------------|----------------------|------------------------|
| Relay type                 | RSS        | Type of output       | Potential-free contact |
| Contact material           | AgNi 90/10 | Rated voltage (text) | 250 V                  |
| Max. AC continuous current | 4 A        |                      |                        |

## Insulation coordinates (EN50178)

|                                   |              |                                    |           |
|-----------------------------------|--------------|------------------------------------|-----------|
| According to                      | DIN EN 50178 | Rated input insulation voltage     | < 50 V AC |
| Rated output insulation voltage   | < 250 V AC   | Overvoltage category input/input   | II        |
| Overvoltage category input/output | III          | Overvoltage category output/output | II        |
| Pollution severity level          | 2            | Pulse voltage test (1,2/50µs)      | 6 kV      |
| Insulation test voltage           | 1.2 kVAC     | Clearance input/output             | ≥ 5.5 mm  |
| Clearance input/input             | ≥ 0.2 mm     | Clearance output/output            | ≥ 1.17 mm |

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## 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    |                              |                      |

## 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    |
| ECLASS 9.0  | 27-14-11-52 | ECLASS 9.1  | 27-24-22-16 |
| ECLASS 10.0 | 27-14-11-52 | ECLASS 11.0 | 27-14-11-52 |

## Approvals

Approvals



ROHS

Conform

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# Drawings

