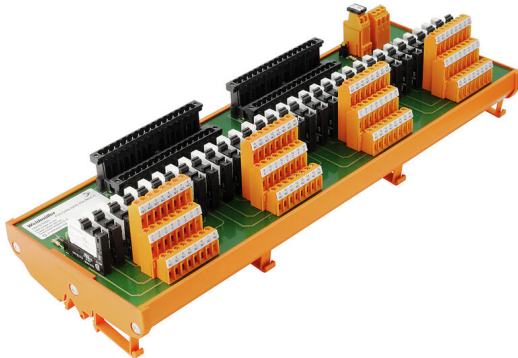


**FTA-C300-32DO-RSLIM-S****Weidmüller Interface GmbH & Co. KG**

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 items                                 |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |        |                 |              |
|------------|--------|-----------------|--------------|
| Depth      | 95 mm  | Depth (inches)  | 3.7401 inch  |
| Height     | 133 mm | Height (inches) | 5.2362 inch  |
| Width      | 368 mm | Width (inches)  | 14.4882 inch |
| Net weight | 1557 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 |

## General data

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

## Connection data

|                                |               |                         |              |
|--------------------------------|---------------|-------------------------|--------------|
| Number of poles (control side) | 64-pole       | Connection supply       | LP2N 5.08mm  |
| Wiring system                  | 1-wire        | Connection (field side) | LL3R 5.08 mm |
| Connection on control side     | SLDV-THR 5.08 |                         |              |

## 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 |
| Material of contacts       | AgNi 90/10 | Rated voltage  | 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        |

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## Technical data

|                                   |          |                                    |           |
|-----------------------------------|----------|------------------------------------|-----------|
| 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 AC        | 1.2 kV   | Clearance input/output             | ≥ 5.5 mm  |
| Clearance input/input             | ≥ 0.2 mm | Clearance output/output            | ≥ 1.17 mm |

## 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

