

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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).

Creation date March 7, 2023 6:08:59 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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**Technical data**
**Dimensions and weights**

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

**Temperatures**

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	50 °C

**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)	LL3R 5.08 mm	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
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**Ratings data input**

Input voltage	24 V DC ± 10%	Input current	13 mA
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**Ratings data output**

Relay type	RSS	Type of output	Potential-free contact
Contact material	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
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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## Technical data

## 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
ETIM 8.0	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	ECLASS 12.0	27-14-11-52

## Environmental Product Compliance

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

## Approvals

Approvals



ROHS

Conform

## Downloads

Product Change Notification	<a href="#">20220524 Technical change to FTA-C300</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**

