

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Similar to illustration

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.	<a href="#">1415220000</a>
Type	FTA-C300-16DAI-SH-S
GTIN (EAN)	4050118215984
Qty.	1 pc(s).

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

## FTA-C300-16DAI-SH-S

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## Technical data

## Dimensions and weights

Depth	85 mm	Depth (inches)	3.346 inch
Height	109 mm	Height (inches)	4.291 inch
Width	105 mm	Width (inches)	4.134 inch
Net weight	328 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 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)	LP3R 5.08mm	Connection on control side	SLDV-THR 5.08
Number of poles (control side)	48-pole female	Protective earth connection	M4 round terminal
Wiring system	1-wire		

## Ratings data

Operating voltage	100 V AC / 150 V DC / ±10%	Max. current per channel	1.5 A
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## Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	≤ 50 V DC
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	1 kV	Insulation test voltage	0.6 kVAC

## 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		

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## Technical data

## 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	27-14-11-52	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="#">20210517 Technical change to FTA-C300</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**

