

## FTA-C300-16DAI-SH-Z

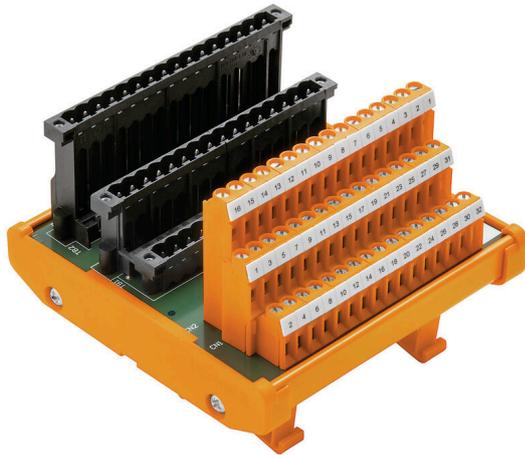
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Tension-clamp connection
Order No.	<a href="#">1415230000</a>
Type	FTA-C300-16DAI-SH-Z
GTIN (EAN)	4050118216264
Qty.	1 items
Delivery status	Discontinued

## FTA-C300-16DAI-SH-Z

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E141197

## Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	109 mm	Height (inches)	4.2913 inch
Width	105 mm	Width (inches)	4.1338 inch
Net weight	244.37 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
REACH SVHC	Lead 7439-92-1
SCIP	2e4a427f-c282-4ebf-8ee2-8af7c9348f4e

## Rated data UL

Rated current I <sub>N</sub>	1 A	Operating temperature UL, min.	0 °C
Operating temperature UL, max.	25 °C	Rated voltage UN	142 V

## 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	Contactors	No
Fuse per channel	No	LED status of the supply voltage	No
Power supply fuse	No		

## Connection data

Number of poles (control side)	48-pole female	Protective earth connection	M4 round terminal
Wiring system	1-wire	Connection (field side)	LM3NZF 5.08mm
Connection on control side	SLDV-THR 5.08		

## Ratings data

Operating voltage	24 V DC ± 10%	Max. current per channel	1.5 A
-------------------	---------------	--------------------------	-------

## 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 AC	0.6 kV

**FTA-C300-16DAI-SH-Z**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Connection field**

Min. wire cross-section, AWG	AWG 24	Type of connection	Tension-clamp connection
Sleeve with plastic collar, max.	1.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.25 mm <sup>2</sup>
Flexible with sleeve, max.	1.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Stripping length	7.5 mm
Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 14		

**Supply connection**

Type of connection	Tension-clamp connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.25 mm <sup>2</sup>	Ferrule with plastic collar, max.	1.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 14	Wire cross-section, max. AWG	AWG 24
Stripping length	7.5 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		