

**FTA-C300-16DAI-SH-Z****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, Tension-clamp connection
Order No.	<a href="#">1415230000</a>
Type	FTA-C300-16DAI-SH-Z
GTIN (EAN)	4050118216264
Qty.	1 pc(s).

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Depth	80 mm	Depth (inches)	3.15 inch
Height	109 mm	Height (inches)	4.291 inch
Width	105 mm	Width (inches)	4.134 inch
Net weight	244.37 g		

**Temperatures**

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

**Rated data UL**

Operating temperature UL, max.	25 °C	Operating temperature UL, min.	0 °C
Rated current $I_N$	1 A	Rated voltage $U_N$	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	Switch	No
Fuse per channel	No	LED status of the supply voltage	No
Power supply fuse	No		

**Connection data**

Connection (field side)	LM3NZF 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	24 V DC $\pm$ 10%	Max. current per channel	1.5 A
-------------------	-------------------	--------------------------	-------

**Insulation coordination (EN50178)**

According to	DIN EN 50178	Rated insulation voltage	$\leq$ 50 V DC
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50 $\mu$ s)	1 kV	Insulation test voltage AC	0.6 kV

**Connection field**

Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Flexible with sleeve, max.	1.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.25 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>
Max. wire cross-section, AWG	AWG 14	Min. wire cross-section, AWG	AWG 24
Sleeve with plastic collar, max.	1.5 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
Type of connection	Tension-clamp connection		

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

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## 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 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	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
ECLASS 13.0	27-14-11-52	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

## 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

## Approvals

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

## Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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

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

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

**Drawings**

