FTA-C300-16AO-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.	1222990000
Type	FTA-C300-16AO-SH-Z
GTIN (EAN)	4050118006278
Qty.	1 pc(s).
Available until	2014-05-20

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Technical data

Dimensions and weights

Depth	56 mm	Depth (inches)	2.205 inch
Height	70 mm	Height (inches)	2.756 inch
Width	105 mm	Width (inches)	4.134 inch
Net weight	176 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...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)	LM2NZF 5.08mm	Connection on control side	SLDV-THR 5.08
Number of poles (control side)	32-pole female	Protective earth connection	M4 round terminal
Wiring system	1-wire		

Ratings data

Operating voltage	250 V AC / 350 V DC	Max. current per channel	1 A

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	<250 V AC
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	2 kV	Insulation test voltage AC	1.2 kV

Connection field

Clamping range, max.	2.5 mm²	Clamping range, min.	0.13 mm²
Flexible with sleeve, max.	1.5 mm²	Flexible with sleeve, min.	0.25 mm²
Flexible, max. H05(07) V-K	1.5 mm²	Flexible, min. H05(07) V-K	0.2 mm²
Max. wire cross-section, AWG	AWG 14	Min. wire cross-section, AWG	AWG 24
Sleeve with plastic collar, max.	1.5 mm²	Solid, max. H05(07) V-U	2.5 mm²
Solid, min. H05(07) V-U	0.2 mm²	Stripping length	7.5 mm
Type of connection	Tension-clamp connection		

Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.13 mm²
Clamping range, max.	2.5 mm²	Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	2.5 mm²	Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	1.5 mm²	Flexible with sleeve, max.	1.5 mm²
Flexible with sleeve, min.	0.25 mm²	Ferrule with plastic collar, max.	1.5 mm²
Wire cross-section, min. AWG	AWG 14	Wire cross-section, max. AWG	AWG 24
Stripping length	7.5 mm		

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Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	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

Environmental Product Compliance

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

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

Downloads

Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

