

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

Klingenbergstraße 16

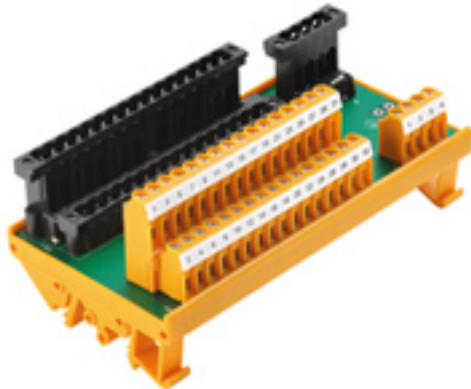
D-32758 Detmold

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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

Type	FTA-C300-16AI-SH-S
Order No.	1247120000
Version	1-wire, Screw connection
GTIN (EAN)	4050118035377
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	135 mm	Width	70 mm
Height	56 mm	Net weight	213 g

Temperatures

Operating temperature	-25...+50°C	Storage temperature	-40...+60 °C
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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 on control side	SLDV-THR 5.08	Number of poles (control side)	32-pole female
Connection (field side)	LP2N 5.08mm	Wiring system	1-wire
Protective earth connection	M4 round terminal		

Ratings data

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

Connection field

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	2.5 mm ²	Ferrule with plastic collar, max.	0.5 mm ²
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		

Datenblatt**FTA-C300-16AI-SH-S****Weidmüller Interface GmbH & Co. KG**
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eClass 6.2	27-14-11-52	eClass 7.1	27-14-11-52
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Approvals

Approvals



ROHS	Conform
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Zeichnungen

