

FTA-C300-32DI-24VDC-S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The new interfaces and pre-wired cables from Weidmüller allow connecting the Honeywell C300 input/output cards to the field components in a manner that is simple, fast and error free.

The IOTAs (Input Output terminal Assemblies) have been designed using PCB connectors manufactured by Weidmüller. These PCB connectors allow the user the flexibility of entering the field using point to point wiring or by means of a pre-wired cable in conjunction with Weidmüller's FTAs.

General ordering data

Version	Interface, RS, 1-wire, Clamping yoke
Order No.	1312040000
Type	FTA-C300-32DI-24VDC-S
GTIN (EAN)	4050118114522
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	65 mm	Height (inches)	2.559 inch
Length	244 mm	Length (inches)	9.606 inch
Net weight	832.83 g	Width	131 mm
Width (inches)	5.157 inch		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

LED status display per relay	green	Fuse per relay	No
LED status of the supply voltage	yellow	Power supply fuse	630 mA

Connection data

Connection on control side	SLDV-THR 5.08	Number of poles (control side)	64-pole
Wiring system	1-wire		

Rating data

Mechanical service life	5 x 10 ⁶ switching cycles
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Ratings data input

Input voltage	24 V DC ± 10%	Input current	13 mA
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Ratings data output

Relay type	RSS	Contact material	AgNi gold flashed
Rated voltage (text)	24 V DC ± 10%	Max. DC continuous current	0.1 A
Minimum contact current	1 mA	Minimum contact voltage	1 V

Insulation coordinates (EN50178)

Rated input insulation voltage	< 50 V AC	Rated output insulation voltage	< 50 V AC
Overvoltage category input/input	III	Overvoltage category input/output	III
Overvoltage category output/output	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV	Insulation test voltage	0.35 kVAC
Clearance input/output	≥ 6 mm		

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Connection field

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

Supply connection

Clamping range, min.	0.13 mm ²	Clamping range, max.	6 mm ²
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Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-24-22-16
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52

Approvals

Approvals



ROHS

Conform

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Drawings

