

**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.	<a href="#">1312040000</a>
Type	FTA-C300-32DI-24VDC-S
GTIN (EAN)	4050118114522
Qty.	1 items

## FTA-C300-32DI-24VDC-S

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## Technical data

### Approvals

Approvals



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

### Dimensions and weights

Depth	65 mm	Depth (inches)	2.5591 inch
Height	131 mm	Height (inches)	5.1575 inch
Width	244 mm	Width (inches)	9.6063 inch
Net weight	832.83 g		

### Temperatures

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

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	2e4a427f-c282-4ebf-8ee2-8af7c9348f4e

### Rated data UL

Operating temperature UL, min.	0 °C	Operating temperature UL, max.	25 °C
Rated voltage DC UN (supply)	24 V	Rated current (supply)	0.63 A
Rated current fuse (supply)	0.63 A	Rated voltage DC UN (input)	24 V
Rated voltage DC UN (output)	24 V	Rated current I <sub>max</sub> (output)	0.1 A

### 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

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

### Rating data

Mechanical service life	5 x 10 <sup>6</sup> 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	Material of contacts	AgNi gold flashed
Rated voltage	24 V DC ± 10%	Max. DC continuous current	0.1 A

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**Technical data**

Minimum contact current	1 mA	Minimum contact voltage	1 V
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**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 AC	0.35 kV
Clearance input/output	≥ 6 mm		

**Connection field**

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

**Supply connection**

Clamping range, min.	0.13 mm <sup>2</sup>	Clamping range, max.	6 mm <sup>2</sup>
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**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		

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**Drawings**

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