

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

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

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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Rated data UL

Operating temperature UL, max.	25 °C	Operating temperature UL, min.	0 °C
Rated voltage DC U_N (supply)	24 V	Rated current (supply)	0.63 A
Rated current fuse (supply)	0.63 A	Rated voltage DC U_N (input)	24 V
Rated voltage DC U_N (output)	24 V	Rated current I_{max} (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

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 $\pm$ 10%	Input current	13 mA
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Ratings data output

Relay type	RSS	Contact material	AgNi gold flashed
Rated voltage	24 V DC $\pm$ 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 (1,2/50 μ s)	1.5 kV	Insulation test voltage AC	0.35 kV
Clearance input/output	$\geq$ 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
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	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	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, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	2e4a427f-c282-4ebf-8ee2-8af7c9348f4e

Approvals

Approvals



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

Downloads

Product Change Notification	20220524 Technical change to FTA-C300
Catalogues	Catalogues in PDF-format
Brochures	

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