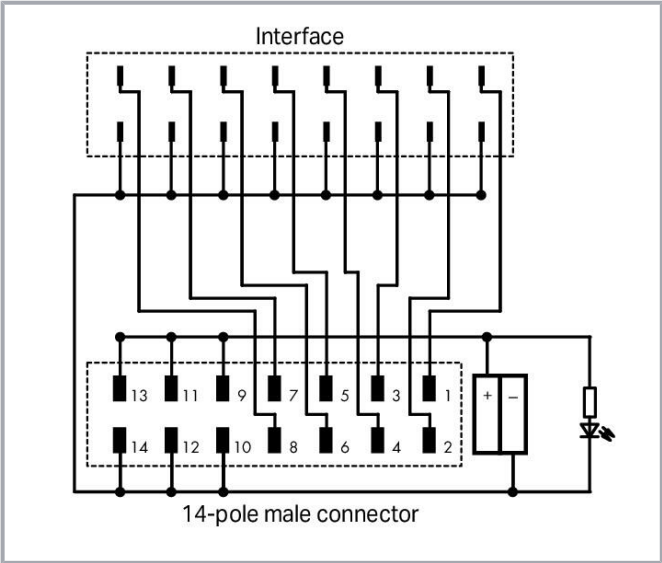
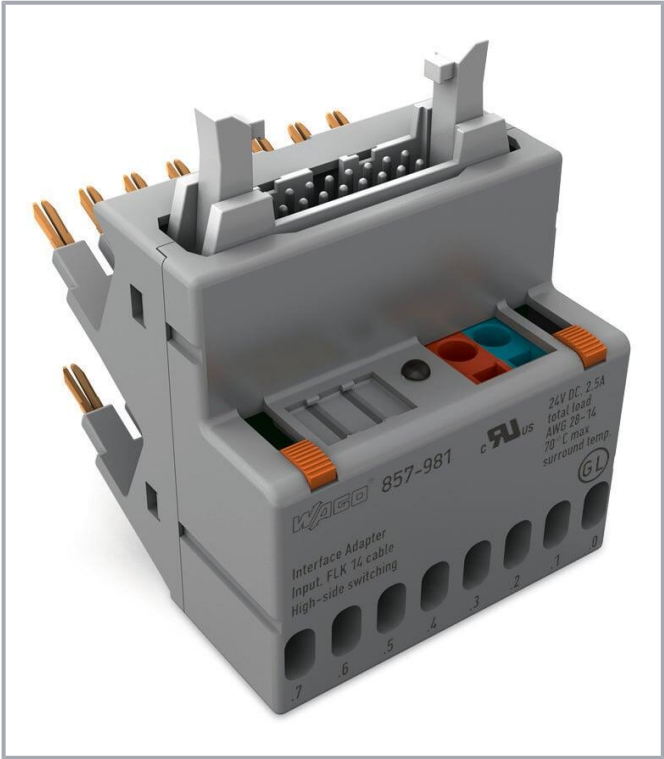




Data
Notes

Note

The specified technical data are maximum values. They may be limited by the accessories used.

Electrical data

Inputs/outputs	8-channel digital input
Circuit type	High-side switching input
Nominal operating voltage	DC 24 V
Operating voltage range	±30 %
Total current	3 A
Limiting continuous current	1 A
Contact resistance	≤ 20 mΩ

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.

Status indicator	Green LED
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Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	0.5 kV _{rms}
Protection type	IP20

Connection data

Performance level	3
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Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	14
Connection type 1	System

Connection 2

Design 2	Plug for jumper slot
Pole number 2	16
Connection type 2	Field

Connection 3

Pole number 3	2
Connection type 3	Power supply
Connection technology 3	CAGE CLAMP®
Solid conductor 3	0.08 ... 2.5 mm² / 28 ... 14 AWG
Fine-stranded conductor 3	0.08 ... 2.5 mm² / 28 ... 14 AWG
Strip length 3	5 ... 6 mm / 0.2 ... 0.24 inches

Mechanical data

Mounting type	Pluggable module
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Material data

Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.668 MJ
Weight	44.3 g

Subject to changes. Please also observe the further product documentation!

Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 95 % (no condensation permissible)

Standards and specifications

Standards/specifications	DNV
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	19-17-90-01
eCl@ss 9.0	19-17-90-01
ETIM 8.0	EC002780
ETIM 7.0	EC002780
Recupel Type	
ECCN	NO DATA
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454995171
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I 7(c)-II

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec. 1

Subject to changes. Please also observe the further product documentation!

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	BV Bureau Veritas S.A.	Rules for class. of Steel Ships	40179_B0
	DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001D1

Optional accessories

Tool

Operating tool	
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured
	www.wago.com/210-720

Cables and pluggable connectors

System cable	
	Item no.: 706-7753/304-100 System cable; for WAGO-I/O-SYSTEM, 750 Series; 2 x 8 analog inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm ²
	www.wago.com/706-7753/304-100
	Item no.: 706-7753/304-300 System cable; for WAGO-I/O-SYSTEM, 750 Series; 2 x 8 analog inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm ²
	www.wago.com/706-7753/304-300
	Item no.: 706-7753/304-200 System cable; for WAGO-I/O-SYSTEM, 750 Series; 2 x 8 analog inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ²
	www.wago.com/706-7753/304-200
Connecting cable	
	Item no.: 706-100/1303-200 Connection cable; 14-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm ² ; UR components, 857 Series
	www.wago.com/706-100/1303-200
	Item no.: 706-753/300-100 Connection cable; 14-pole; Pluggable connector per DIN 41651; 14-pole; Pluggable connector per DIN 41651; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²
	www.wago.com/706-753/300-100
	Item no.: 706-753/300-200 Connection cable; 14-pole; Pluggable connector per DIN 41651; 14-pole; Pluggable connector per DIN 41651; Length: 2 m; Conductor cross-section: 0.14 mm ²
	www.wago.com/706-753/300-200

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Item no.: 706-753/300-300

Connection cable; 14-pole; Pluggable connector per DIN 41651; 14-pole; Pluggable connector per DIN 41651; Length: 3 m; Conductor cross-section: 0.14 mm²

www.wago.com/706-753/300-300

Downloads

Documentation

Bid Text

857-981 X81 - Datei	19 февр. 2019 г.	xml 3.5 kB	Download
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857-981 doc - Datei	20 нояб. 2015 г.	doc 24.6 kB	Download
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Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 18 авг. 2022 г.	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 857-981	URL	Download
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WSCAD Universe 857-981	URL	Download
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ZUKEN Portal 857-981	URL	Download
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CAD data

2D/3D Models 857-981	URL	Download
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Asset Administration Shell

Asset Administration Shell 857-981	URL	Download
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Subject to changes. Please also observe the further product documentation!



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-981	URL	Download
Interface adapter; 14-pole; High-side switching input		

Installation Notes

Subject to changes. Please also observe the further product documentation!

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