

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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Do you have any questions about our products?
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Status indicator	Green LED
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Safety and protection

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

Performance level	3
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Connection 1

Connector	DIN 41651 connector; male connector
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Pole number 1	14
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Connection type 1	System
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Connection 2

Design 2	Plug for jumper slot
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Pole number 2	16
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Connection type 2	Field
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Connection 3

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

Mounting type	Pluggable module
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Material Data

Fire load	0.668 MJ
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Weight	44.3 g
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Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

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
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454995171
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

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

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	BV	Rules for class. of Steel Ships	40179_B0

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Bureau Veritas S.A.



DNV
DNV Germany GmbH

DNV-CG-0339, Aug. 2021

TAA00001D1



PRS
Polski Rejestr Statków

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TE/2186
/880590/18

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 mm²www.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 mm²www.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 mm²www.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 mm²; UR components, 857 Serieswww.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 mm²www.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 mm²www.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	2019 Feb 19	xml 3.5 kB	Download
857-981 doc - Datei	2015 Nov 20	doc 24.6 kB	Download

Instruction Leaflet

pdf
1.3 MB

Download

Additional Information

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

CAE data

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

CAD data

2D/3D Models 857-981		URL	Download
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Environmental Product Compliance

Compliance Search

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

Installation Notes

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