

**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	≤ 10 mΩ
Status indicator	Green LED

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

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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	2
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Connection 1

Connector	D-sub male connector
Pole number 1	15
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 mm ² / 28 ... 14 AWG
Fine-stranded conductor 3	0.08 ... 2.5 mm ² / 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

Fire load	0.668 MJ
Weight	48.2 g

Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
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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	4045454995195
Customs tariff number	85369010000

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	663a877b-9b76-4542-b096-037e10f0c686
SCIP notification number (Belgium)	e39bb783-c3c7-4add-ad69-ed6ddf9c5787
SCIP notification number (Bulgaria)	6668660b-10ae-4fcf-854c-ecc59edb7a93
SCIP notification number (Czech Republic)	17ee4a58-9c2e-4086-a7d0-9a9bb22b59d8
SCIP notification number (Denmark)	f76607d9-7779-4788-9834-14f3a8f6c59b
SCIP notification number (Finland)	9842c522-8ea6-42d0-a43e-2784c076f96c
SCIP notification number (France)	0ba05f8d-e89c-4ae2-b7b6-bcf5599d8202
SCIP notification number (Germany)	8c611a44-c947-433a-87c6-f590ad4b8427
SCIP notification number (Hungary)	175a2d46-fb90-42d0-a0a0-525f6cb8e1ed
SCIP notification number (Italy)	8bb27a39-7bcc-42c0-b9c3-e8bca4ee0f41

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SCIP notification number (Netherlands)	3c5cd1d0-d150-47f4-b493-90ac68e8c0d2
SCIP notification number (Poland)	6e75cc26-14b8-4fa0-8d72-f59d099d1d8b
SCIP notification number (Romania)	53cf1466-9fde-4591-a8e8-856e02b7a0dd
SCIP notification number (Sweden)	c24c0314-367e-4829-a493-4ebea9cb60f0

Approvals / Certificates

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
	PRS Polski Rejestr Statków	-	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.: 706-7753/306-100

System cable; for WAGO-I/O-SYSTEM, 750 Series; 2x 8 digital inputs or outputs; Length: 1 m;
Conductor cross-section: 0.14 mm²

www.wago.com/706-7753/306-100



Item no.: 706-7753/306-200

System cable; for WAGO-I/O-SYSTEM, 750 Series; 2x 8 digital inputs or outputs; Length: 2 m;
Conductor cross-section: 0.14 mm²

www.wago.com/706-7753/306-200



Item no.: 706-7753/306-300

System cable; for WAGO-I/O-SYSTEM, 750 Series; 2x 8 digital inputs or outputs; Length: 3 m;
Conductor cross-section: 0.14 mm²

www.wago.com/706-7753/306-300

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Downloads

Documentation

Bid Text

857-986 X81 - Datei	2019 Feb 19	xml 3.4 kB	Download
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857-986 doc - Datei	2015 Nov 20	doc 26.1 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 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 857-986		URL	Download
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WSCAD Universe 857-986		URL	Download
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ZUKEN Portal 857-986		URL	Download
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CAD data

2D/3D Models 857-986		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-986 Interface adapter; 15-pole; High-side switching input		URL	Download
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Installation Notes

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