

**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 output
Circuit type	High-side switching output
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  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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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 <sub>rms</sub>
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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 <sup>2</sup> / 28 ... 14 AWG
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Fine-stranded conductor 3	0.08 ... 2.5 mm <sup>2</sup> / 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	44.2 g
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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)
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	4045454995188
Customs tariff number	85389099990

## 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

### 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<sup>2</sup>

[www.wago.com/706-7753/304-100](http://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<sup>2</sup>

[www.wago.com/706-7753/304-300](http://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<sup>2</sup>

[www.wago.com/706-7753/304-200](http://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<sup>2</sup>; UR components, 857 Series

[www.wago.com/706-100/1303-200](http://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<sup>2</sup>

[www.wago.com/706-753/300-100](http://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<sup>2</sup>

[www.wago.com/706-753/300-200](http://www.wago.com/706-753/300-200)



**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 mm<sup>2</sup>

[www.wago.com/706-753/300-300](http://www.wago.com/706-753/300-300)

### Tool

#### Operating tool

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

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Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

## Downloads

### Documentation

#### Bid Text

857-982 X81 - Datei	2019 Feb 19	xml 3.5 kB	Download
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857-982 doc - Datei	2015 Nov 20	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 2022 Aug 18	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 857-982		URL	Download
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WSCAD Universe 857-982		URL	Download
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ZUKEN Portal 857-982		URL	Download
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### CAD data

2D/3D Models 857-982		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 857-982

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Interface adapter; 14-pole; High-side switching output

[URL](#)

[Download](#)

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## Installation Notes

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