

Data Notes

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

Inputs/outputs	8-channel analog input or output
Operating voltage	≤ 30 VDC
Limiting continuous current	1 A
Contact resistance	≤ 20 m Ω

Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)

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

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0.5 kV_{rms}

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	16
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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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Mechanical Data

Mounting type	Pluggable module Pluggable module
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Material Data

Fire load	0.577 MJ
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Weight	41.4 g
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Environmental requirements

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

Standards/specifications	DNV
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
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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	4045454995164
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
	CCC CNEX	CNCA-C23-01	2020312310000210 (Ex ec IIC T4 Gc)
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec.1

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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

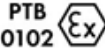





PRS
Polski Rejestr Statków

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TE/2186
/880590/18

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	TÜV_14_ATEX_112692_X (II 3 G Ex nA IIC T4 Gc)
	CCC CNEX	CNCA-C23-01	2020312310000210 (Ex ec IIC T4 Gc)
	IECEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX_TUN_14.0030_X
	UKEx WAGO GmbH & Co. KG	EN 60079-0	WAGO22UKEX004X

Optional accessories

Cables and pluggable connectors

Connecting cable



Item no.: 706-100/1602-200

Connection cable; 16-pole; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm²; UR components, 857 Series

www.wago.com/706-100/1602-200



Item no.: 706-753/301-300

Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Pluggable connector per DIN 41651; Length: 3 m; Conductor cross-section: 0.14 mm²

www.wago.com/706-753/301-300

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

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Item no.: 706-753/301-100

Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Pluggable connector per DIN 41651; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm²

www.wago.com/706-753

/301-100



Item no.: 706-753/301-200

Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Pluggable connector per DIN 41651; Length: 2 m; Conductor cross-section: 0.14 mm²

www.wago.com/706-753

/301-200

Downloads

Documentation

Bid Text

857-980 docx - Datei	2019 Feb 20	docx 16.1 kB	Download
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857-980 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
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Instruction Leaflet

CCC Ex (Additional information) 857-***	2023 Apr 26	pdf 144.4 kB	Download
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8-fach-Adapter für die Systemverkabelung Einspeise-und Durchgangsklemme	V 2.0.1 2022 May 9	pdf 2.1 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 857-980	URL	Download
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WSCAD Universe 857-980	URL	Download
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ZUKEN Portal 857-980	URL	Download
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CAD data

2D/3D Models 857-980	URL	Download
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Subject to changes. Please also observe the further product documentation!



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-980

URL

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Interface adapter; 16-pole; analog

Installation Notes

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