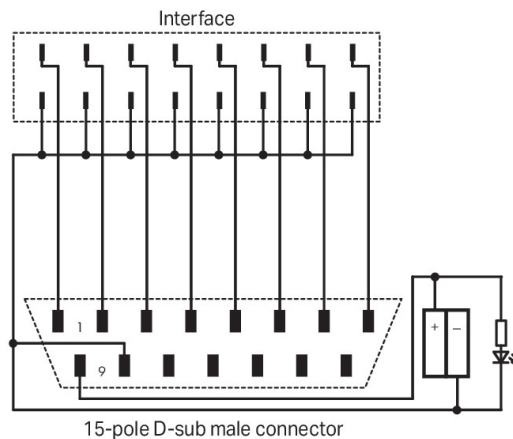
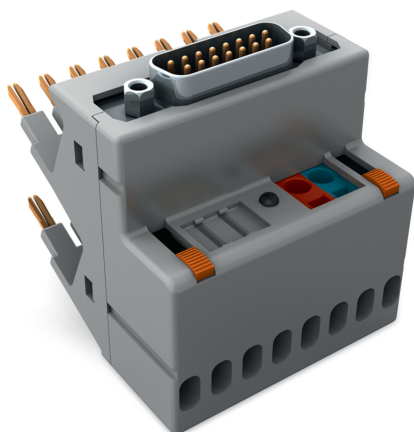


Interface adapter; 15-pole; High-side switching input

<https://www.wago.com/857-986>



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 digital input
Circuit type	High-side switching input
Nominal operating voltage	24 VDC
Operating voltage range	±30 %
Total current	3 A
Limiting continuous current	1 A
Contact resistance	≤ 10 mΩ
Status indicator	Green LED

Safety and protection

Dielectric strength (contact/contact) (AC, 1 min)	0.5 kVrms
Protection type	IP20

Connection Data

Performance level	2	Connection 1	
		Pluggable connector	D-subminiature male connector
		Pole number 1	15
		Connection type	System



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

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

Mechanical data	
Mounting type	Pluggable module

Material data	
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.609 MJ
Weight	48.2 g

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

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454995195
Customs tariff number	85369010000

Product Classification	
UNSPSC	32101513
eCl@ss 10.0	19-17-90-01
eCl@ss 9.0	19-17-90-01
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
CAS-No.	25550-51-0
REACH Candidate List Substance	4-Methyl-1,2-cyclohexanedicarboxylic anhydride
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
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
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



Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001D1

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-986

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Documentation			
Bid Text		Instruction Leaflet	
857-986	19.02.2019	xml 3.29 KB	↓
857-986	20.11.2015	doc 25.50 KB	↓
		Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025
		pdf 1246.19 KB	↓



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 857-986	EPLAN Data Portal 857-986
	WSCAD Universe 857-986
	ZUKEN Portal 857-986

1 Compatible Products
1.1 Optional Accessories
1.1.1 Cables and connectors
1.1.1.1 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

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

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

1.1.2 Tool
1.1.2.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured