



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
Status indicator	Green LED

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

Connection data	
Performance level	3
Connection 1	
Connector	DIN 41651 connector; male connector
Pole number 1	14
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
---------------	------------------

Material data

Fire load	0.668 MJ
Weight	44.3 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)
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
------------------------	-------------------------

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec.1

Approvals for marine applications



Approval	Standard	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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 857-981	↓

Documentation

Bid Text			
857-981	19.02.2019	xml 3.40 KB	↓
857-981	20.11.2015	doc 24.00 KB	↓

Instruction Leaflet	
	pdf 1246.19 KB ↓

CAD/CAE-Data

CAD data	
2D/3D Models 857-981	↓

CAE data	
EPLAN Data Portal 857-981	↓
WSCAD Universe 857-981	↓
ZUKEN Portal 857-981	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 Connecting cable



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 mm²



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 mm²



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



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 Series

1.1.1.2 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 mm²



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 mm²



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 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