

This digital output module transmits control signals from the automation device to the connected actuators. The internal system voltage triggers the relay. The NO contacts are electrically isolated. The state of the relay is indicated by a LED.

Technical data	
Number of digital outputs	2
Total number of channels (module)	2
Actuator connection	2 x (1-wire)
Output circuit design	2 changeover contacts Relay
Output characteristic	potential-free
Switching frequency (max.)	0.33 Hz
Switching voltage (max.)	125 VAC, 30 VDC
Switching current (max.)	0.5 A
Switching current (note)	0.5 A at 125 VAC; 1 A at 30 VDC
Switching voltage (min.)	0.01 V
Switching current (min.)	0.01 mA
Switching power	62.5 VA / 30 W
Pull-in time (max.)	4 ms
Drop-out time (max.)	4 ms
Electrical switching operations (min.) (at max. resistive load)	100 x 10 <sup>3</sup> switching operations
Mechanical switching operations (min.) (at max. resistive load)	100 x 10 <sup>6</sup> switching operations
Output data width (internal) max.	2 bits

### Technical data

Supply voltage (system)	5 VDC; via data contacts
Current consumption (5 V system supply)	70 mA
Supply voltage (field)	Transmission of ground potential via power jumper contact
Isolation	1500 V (system/field)
Indicators	LED (A, C) green: Status relay 1, relay 2
Number of incoming power jumper contacts	1
Number of outgoing power jumper contacts	1
Current carrying capacity (power jumper contacts)	10 A

### Connection data

Connection technology: inputs/outputs	8 x CAGE CLAMP®
Connection type 1	Inputs/outputs
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

### Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	69.8 mm / 2.748 inches
Depth from upper-edge of DIN-rail	62.6 mm / 2.465 inches

### Mechanical data

Mounting type	DIN-35 rail
Pluggable connector	fixed

### Material data

Color	light gray
Contact material	Ag alloy (with gold flash)
Housing material	Polycarbonate; polyamide 6.6
Fire load	1.262 MJ
Weight	48.5 g
Conformity marking	CE

### Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Surrounding air temperature (storage)	-25 ... +85 °C
Protection type	IP20
Pollution degree (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	horizontal (standing/lying); vertical
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-4, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %	25 ppm

### Commercial data

Product Group	15 (Remote I/O)
eCl@ss 10.0	27-24-26-04
eCl@ss 9.0	27-24-26-04
ETIM 8.0	EC001599
ETIM 7.0	EC001599
PU (SPU)	1 Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4045454393489
Customs tariff number VKOrg Germany	85371098990

### Approvals and certificates

#### Country specific Approvals



Approval	Standard	Certificate name
EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00088_19
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-DOM750

#### Ship Approvals



Approval	Standard	Certificate name
ABS American Bureau of Shipping	-	22-2219060
BSH Bundesamt fuer Seeschifffahrt und Hydrographie	-	1104
BV Bureau Veritas S.A.	-	30389/B1 BV
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA0000194
KR Korean Register of Shipping	-	KR HMB05880-AC001
LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/2236/880590/19
RINA RINA Germany GmbH	-	ELE343521XG001

#### UL-Approvals



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

## Downloads

## Environmental Product Compliance


## Compliance Search

Environmental Product  
Compliance 750-514

## Documentation

## Manual


System Manual WAGO I/O System 750 / 753	V 3.1.0 11.05.2022	pdf 8495.90 KB	
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System Manual Series 750/753			
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2-channel, 125VAC, 0.5A AC, 30VDC, 1A DC	V 1.1.0	pdf 1314.04 KB	
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## System Description

750/753 Series I/O-System – General Product Information	pdf 953.35 KB	
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Overview on WAGO-I/O-SYSTEM 750 approvals	pdf 770.48 KB	
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Use in Hazardous Environments	V 1.0.0	pdf 1007.06 KB	
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## Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 259.56 KB	
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## Bid Text

750-514	19.02.2019	xml 4.51 KB	
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750-514	11.07.2017	doc 27.50 KB	
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## CAD/CAE-Data


## CAD data

2D/3D Models 750-514	
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## CAE data

EPLAN Data Portal 750-514	
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WSCAD Universe 750-514	
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ZUKEN Portal 750-514	
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## Device Files

## Device Driver

WAGO USB Service Kabel Treiber / Serie 750 und 857	6.5.3.0 10.09.2014	zip 4721.96 KB	
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