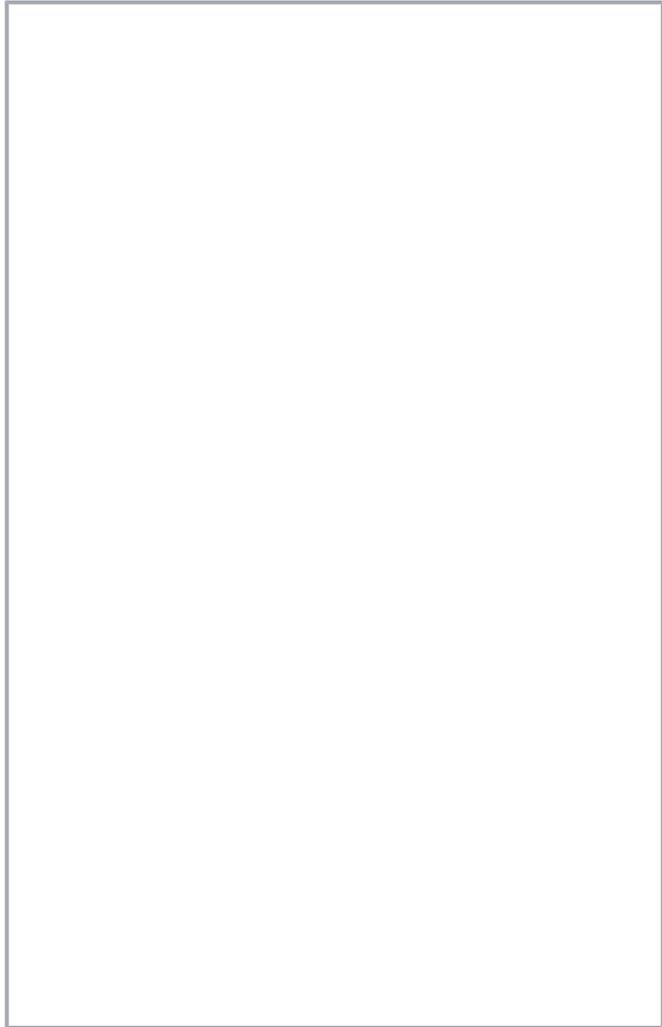
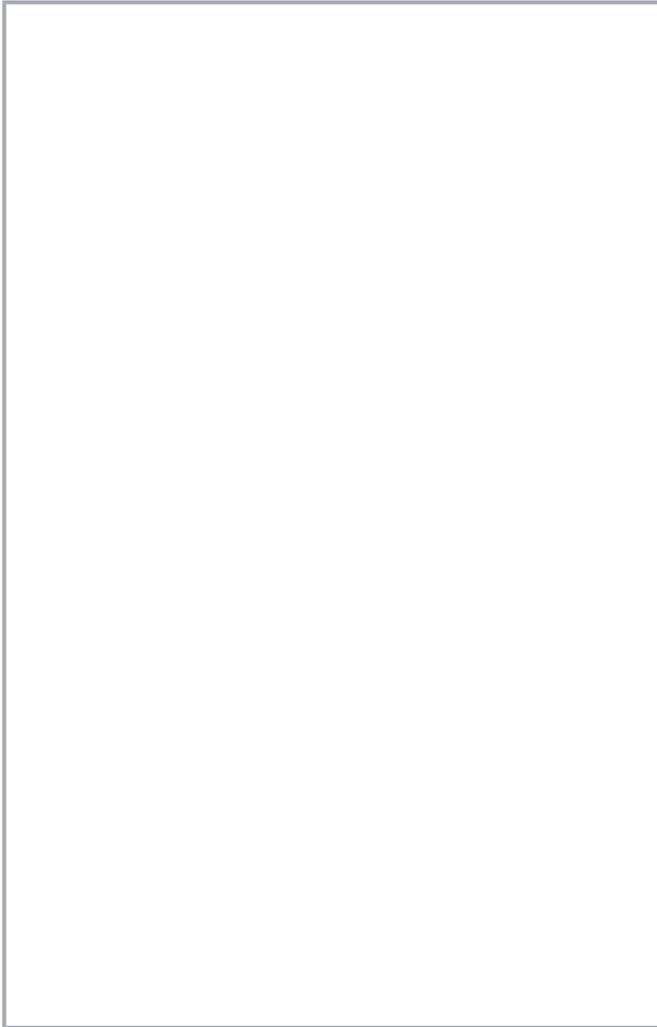


Data sheet | Item number: 763-1508

8-channel digital output; 24 VDC 0.5 A; High-Speed

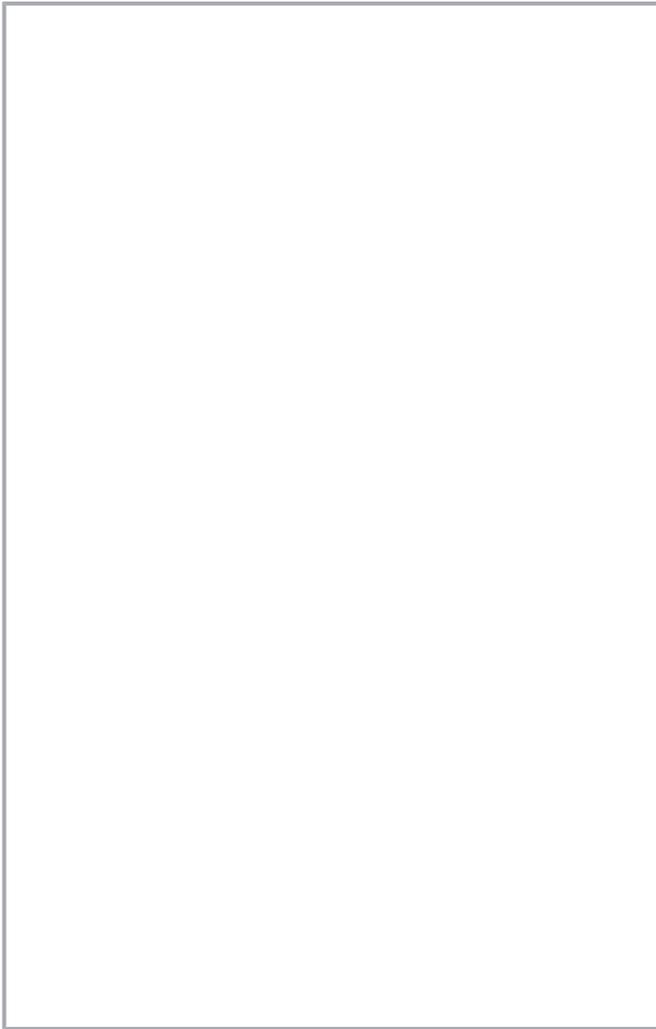
www.wago.com/763-1508



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

WAGO GmbH & Co. KG
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

This three-part digital output module is a 2-wire device featuring eight channels in a width of just 12 mm (0.47 inch).

The module consists of a base module, an electronic module and a pluggable connector.

It transmits binary control signals from an automation device to connected actuators (e.g., magnetic valves, contactors, transmitters, relays or other electrical loads).

The module features Push-in CAGE CLAMP® connections, enabling solid conductors to be connected by simply pushing them in.

A green LED indicates the signal state of each channel.

Field and system levels are electrically isolated.

Data

Technical data

Device-specific

Synchronization mode: time-synchronized, freewheeling

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Number of digital outputs	8
Total number of channels (module)	8
Signal type	Voltage
Signal type (voltage)	24 VDC
Output characteristic	Semiconductor, push-pull
Output current per channel	0.5 A
Output current (module)	4 A
Protection against incorrect wiring	short-circuit-protected self-resetting
Switching frequency (max.)	15 kHz; Resistive load
Switching frequency (max.) (2)	3 Hz; Inductive load
Switching frequency (max.) (3)	500 Hz; Lamp load
Load type	Resistive: 48 Ω ... 16 kΩ, at 24 V; Inductive: DC13; Lamp load: up to 5 W
Output voltage	24 VDC
Delay time T _{on} from 0 to 1	2 μs
Delay time T _{off} from 1 to 0	2 μs
Data width	8-bit channel status
Supply voltage (field)	24 VSELV DC (-25 ... +30 %); UF
Current consumption, field supply (module with no external load)	24 mA
Power loss P _i	1.6 W
Isolation, Field/System	min. 1000 VDC (1 min); per EN/UL 61010-2-201
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Current carrying capacity (power jumper contacts)	12 A
Marking	CI I, Div. 2, Group A, B, C, D, T4

Connection data

Connection type 1	Inputs/outputs
Solid conductor	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Fine-stranded conductor	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Note (conductor cross-section)	Insulated ferrule: 0.75 mm ² (max.)

Physical data

Width	12 mm / 0.472 inches
Height	105 mm / 4.134 inches

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Depth	75 mm / 2.953 inches
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Mechanical Data

Mounting type	DIN-35 rail
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Material Data

Fire load	0.062 MJ
Weight	73 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-25 ... +60 °C (horizontal, typical control cabinet installation; -25 ... +50 °C, other mounting positions)
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Pollution degree	2
Operating altitude	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 3000 m (0.5 K/100 m)
Mounting position	horizontal, typical for control cabinets (nominal mounting position); horizontal (floor mounting position); standing (vertical at bottom)
Relative humidity (without condensation)	95 %
EMC immunity to interference	per EN 61000-6-1, -2
EMC emission of interference	per EN 61000-6-3, -4

Commercial data

Recupel Type	
PU (SPU)	1 pcs
Country of origin	DE
GTIN	4055143975643
Customs tariff number	85371098990

Environmental Product Compliance

CAS-No.	693-98-1 7439-92-1
REACH Candidate List Substance	2-methylimidazole Lead Perfluorobutane sulfonic acid (PFBS) and its salts

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



RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	c32e078d-322d-4b1e-8939-3c5362c58103
SCIP notification number (Belgium)	1d65bb40-0860-48a8-9cff-7f8ac2195ce8
SCIP notification number (Bulgaria)	62f3c0e9-c980-4d0f-be28-5727bbd73766
SCIP notification number (Czech Republic)	02afb9e5-b12f-46d2-8c45-06b1c820ede7
SCIP notification number (Denmark)	722fbd9c-92e9-4429-9daf-7bf3f623c819
SCIP notification number (Finland)	f446a11b-c383-4d6a-9cce-0d8ab3981929
SCIP notification number (France)	511c886c-91d2-4f36-abc3-94e7dffe2e32
SCIP notification number (Germany)	5760d29e-ce72-4a95-9c4b-aea99c3e7b40
SCIP notification number (Hungary)	e8968689-d0b5-4261-b41b-94080bf64746
SCIP notification number (Italy)	c4d274a4-06ba-4970-a16e-e76cd30dee23
SCIP notification number (Netherlands)	5b3e10c3-5bce-4c57-b059-2bf51f35a67d
SCIP notification number (Poland)	0da8cb36-1f13-4eea-b95d-84a4f6866a52
SCIP notification number (Romania)	c728302b-edf9-4d35-bb06-88abe01a628f
SCIP notification number (Sweden)	cf9d1881-dc0e-4daf-8f14-d4982553ebb1

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Declarations of conformity and manufacturer's declarations

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

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	BV Bureau Veritas S.A.	Rules for class. of Steel Ships	66432/A0
	DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA000031M

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



Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Installation Notes

Product family

WAGO I/O System Advanced
[Show all products from the family](#)

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