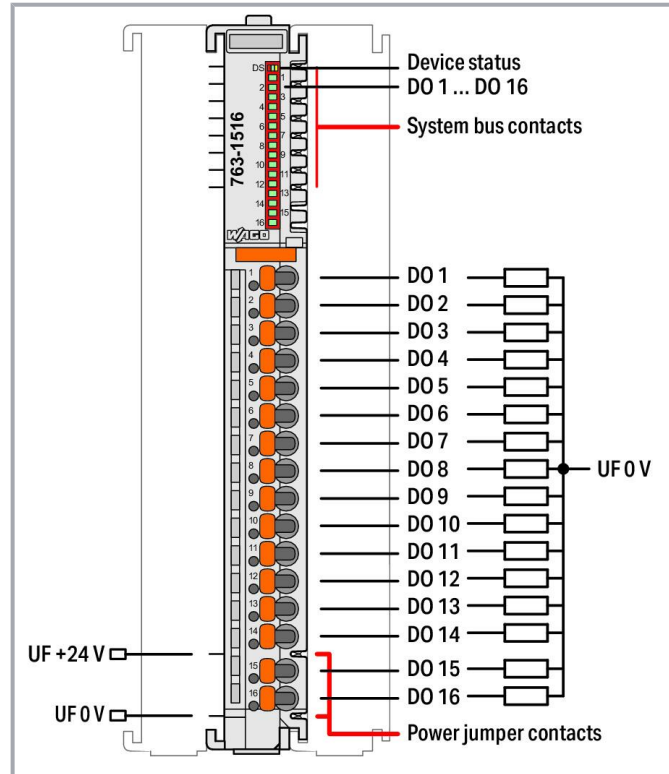
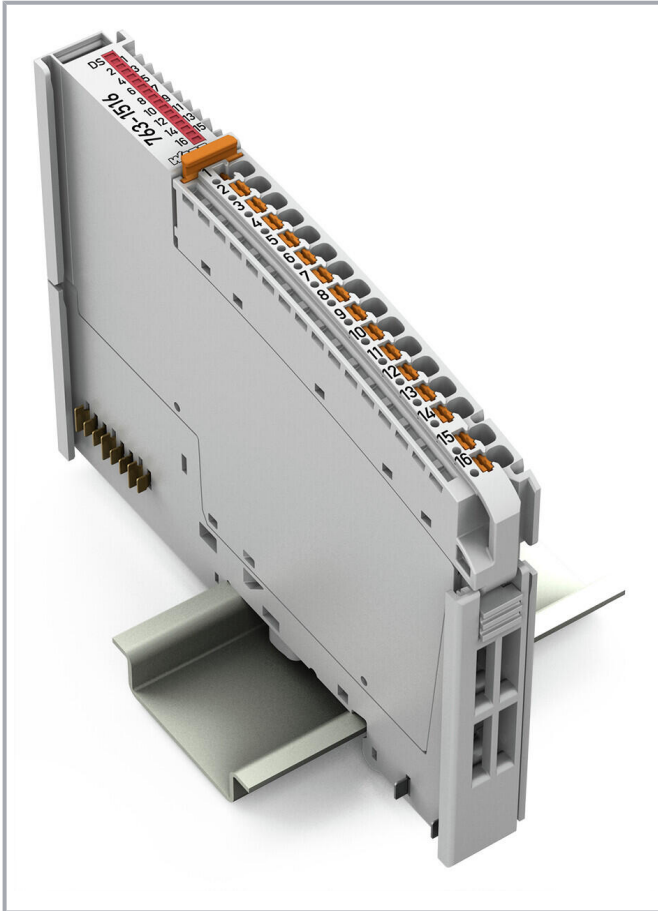


Data sheet | Item number: 763-1516

16-channel digital output; 24 VDC 0.5 A

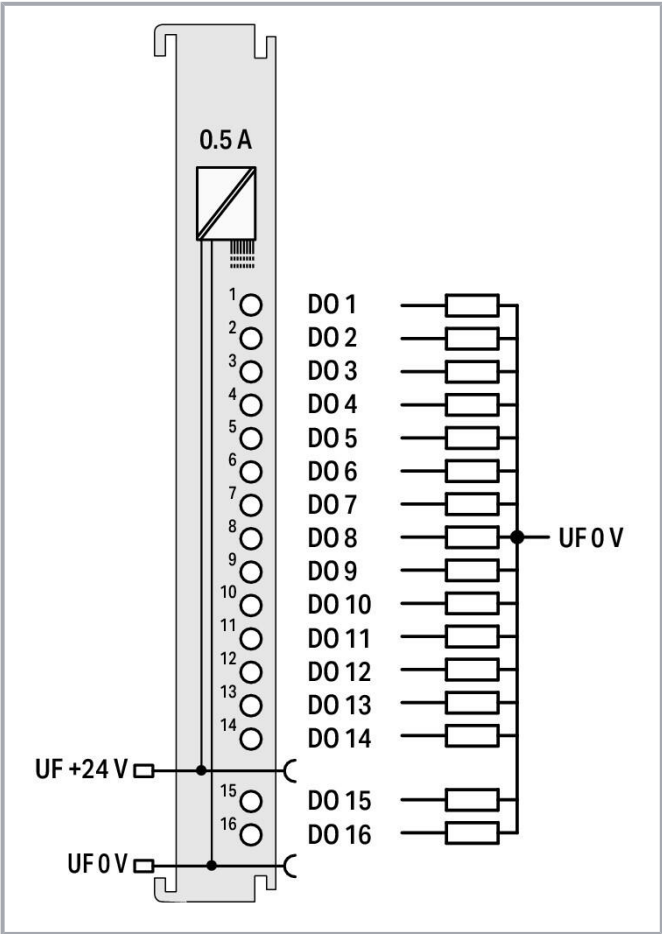
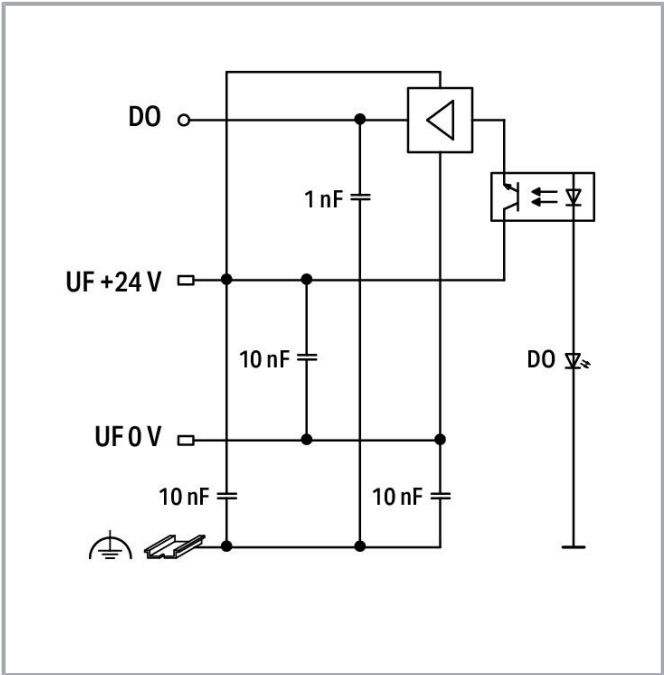
www.wago.com/763-1516



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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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 1-wire device featuring 16 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
Number of digital outputs	8
Total number of channels (module)	8
Signal type	Voltage

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



	Voltage
Signal type (voltage)	24 VDC
Output characteristic	Semiconductor, high-side switching
Output current per channel	0.5 A
Output current (module)	8 A
Protection against incorrect wiring	short-circuit-protected self-resetting
Switching frequency (max.)	1 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 k Ω , at 24 V; Inductive: DC13; Lamp load: up to 5 W
Output voltage	24 VDC
Data width	16-bit channel status
Supply voltage (field)	24 VSELV DC (-25 ... +30 %); UF
Current consumption, field supply (module with no external load)	26 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

Explosion protection

Marking	Cl 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
Depth	75 mm / 2.953 inches

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



Mechanical Data

Mounting type	DIN-35 rail
---------------	-------------

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	4055143975544
Customs tariff number	85371098990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL	UL 61010-2-201	E175199

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

WAGO GmbH & Co. KG
Hansastraße 27
32423 Minden
Phone: +49 571 887-0 | Fax: +49 571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



Underwriters Laboratories Inc. (ORDINARY LOCATIONS)

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

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](#)

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

WAGO GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

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