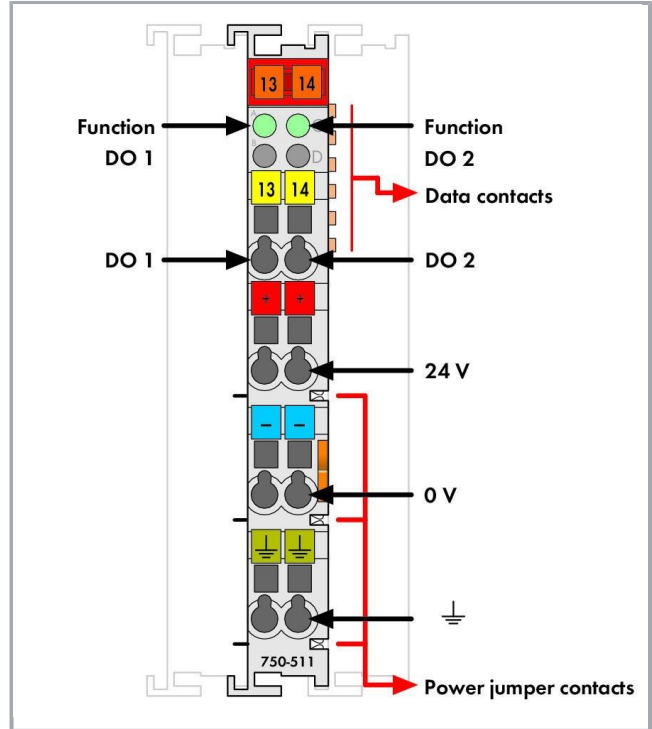
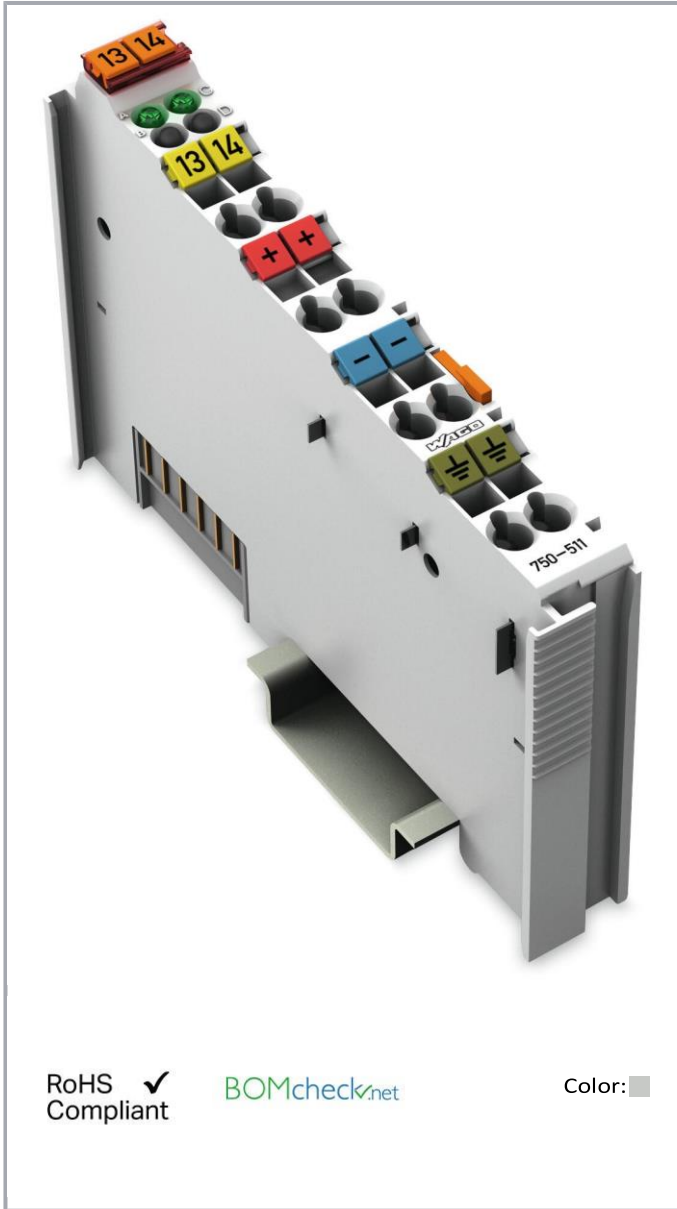
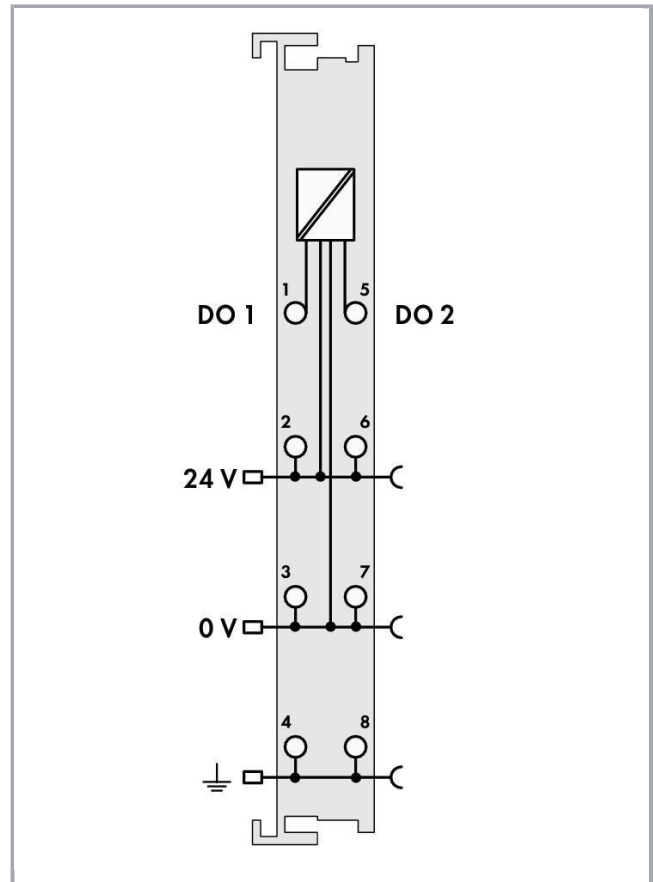
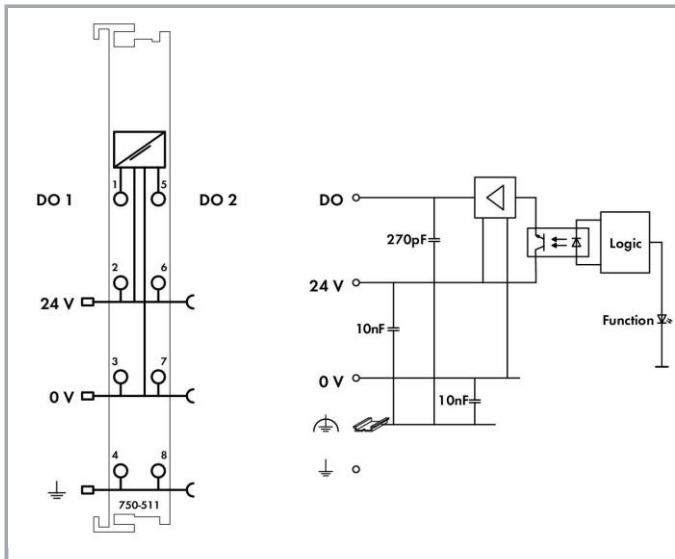


Data sheet | Item number: w750-511  
 2 pulse width outputs; 24 VDC; 0.1 A; 250 Hz; light gray  
<https://www.domat-int.com/en/data-sheets>





## Item description

This output module modulates a 16-bit information in the pulse width. The field side is electrically isolated from the bus system. The pulse duty factor is given by a 16-bit value. The outputs are short-circuit-protected.

## Technical data

Number of digital outputs	2
Output current per channel	0.1 A
Output current	Short-circuit-protected
Type of load	Resistive, inductive
Resolution [bit]	10 Bit
Pulse frequency	250 Hz
Pulse duty factor	0 % ... 100 %
Bit width	2 ×16-bit data; 2 × 8-bit control/status
System supply voltage	DC 5 V; via data contacts
Current consumption, system supply (5 V)	70 mA

Field supply voltage	DC 24 V (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)
Current consumption, field supply (module with no external load)	15 mA
Isolation	500 V system/field
Number of incoming power jumper contacts	3
Number of outgoing power jumper contacts	3

#### Connection data

Connection technology: In-/Outputs	8 × 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 inch

#### Geometrical Data

Width	12 mm / 0.472 inch
Height	69.8 mm / 2.748 inch
Height from upper-edge of DIN-35 rail	62.6 mm / 2.465 inch
Depth	100 mm / 3.937 inch

#### Mechanical data

Type of mounting	DIN-35 rail
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#### Material Data

Color	Light gray
Housing material	Polycarbonate, polyamide 6.6
Weight	68 g
Conformity marking	CE

#### Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Protection class	IP20
Degree of pollution (5)	2, per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	Horizontal (standing/lying) or vertical

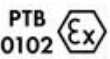


Relative air humidity (no condensation)	95 %
Vibration resistance	4 g per IEC 60068-2-6
Shock resistance	15 g per IEC 60068-2-27
EMC immunity to interference	Acc. to EN 61000-6-2
EMC emission of interference	Acc. to EN 61000-6-4
Exposure to pollutants	Acc. to IEC 60068-2-42 and IEC 60068-2-43
Permissible 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)
Packaging type	BOX
Country of origin	DE
GTIN	4045454831585
Customs Tariff No.	85371098990

### Approvals / Certificates


#### Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	TÜV 07 ATEX 554086 X en.
	TUEV Nord TUEV Nord Cert GmbH	IEC 60079-0	IECEx TUN 09.0001 X
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM- W43AIM750

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

Subject to changes.

Domat control system

WAGO Kontakttechnik GmbH & Co. KG (manufacturer)

Do you have any questions about our products?

We are always happy to take your call at +420 461 100 666.