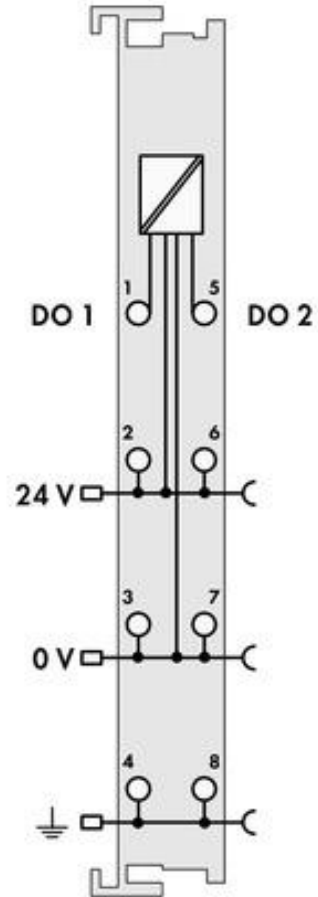


Data sheet | Item number: 750-511

2 pulse width outputs; 24 VDC; 0.1 A; 250 kHz

www.wago.com/750-511



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.

Data

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 x 16 bits data 2 x 8 bits control/status (optional)
System supply voltage	DC 5 V; via data contacts
Current consumption, system supply	70 mA
Field supply voltage	DC 24 V (-15 ... 20 %); über Leistungskontakte; zur Weiterleitung getunnelt
Current consumption, field supply (module with no external load)	15 mA
Isolation	500 V system/supply
Number of incoming power jumper contacts	3
Number of outgoing power jumper contacts	3

Connection data

Number of connections: Inputs/outputs	8
Connection technology: inputs/outputs	8 x CAGE CLAMP®
Connection technology: inputs/outputs	CAGE CLAMP®
Connection type (1)	Inputs/Outputs
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 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	51.7 g
Conformity marking	CE

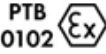

Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-25 ... 85 °C
Degree of protection	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); max.: 5000 m
Mounting position	any
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	15g 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	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity < 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity < 75 %	25 ppm


Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4045454831585
Customs Tariff No.	85371098990
Product Group	15 (Remote I/O)

Ex-Approvals

Logo	Approval	Certificate name
	ATEX TUEV Nord Cert GmbH	TÜV 07 ATEX 554086 X en.
	TUEV Nord TUEV Nord Cert GmbH	IECEX TUN 09.0001 X
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	E198726 Sec.1

UL-Approvals

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

Product family

750/753 Series I/O-System
[Show all products from the family.](#)

Subject to changes.