

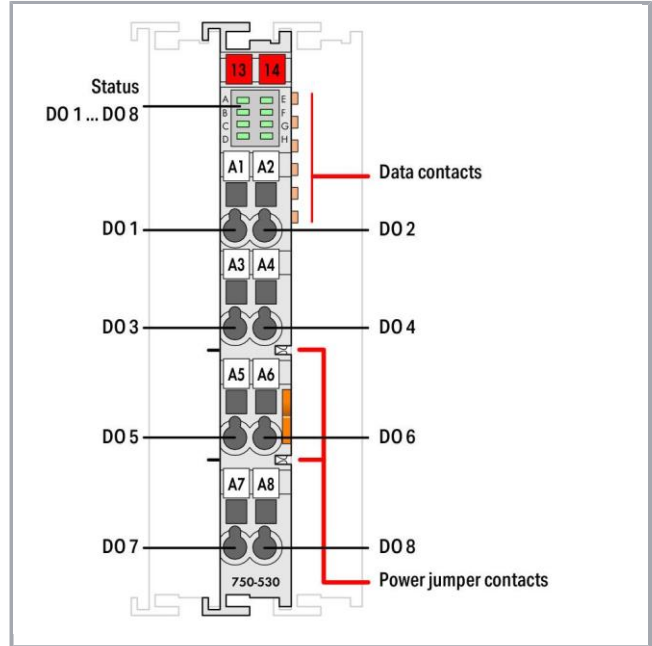
Data sheet | Item number: w750-530  
 8-channel digital output; 24 VDC; 0.5 A; light gray  
<https://www.domat-int.com/en/data-sheets>

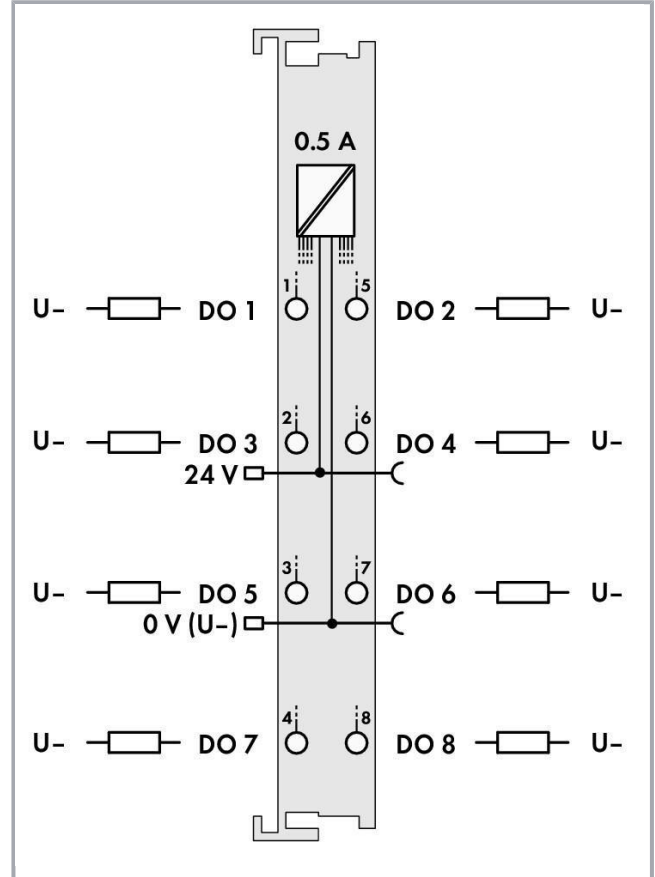
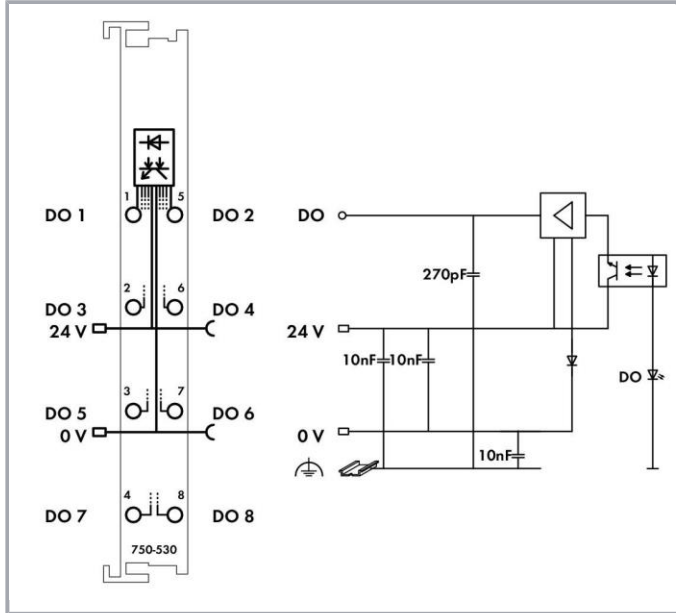


RoHS   
 Compliant



Color: 





### Item description

The digital output module provides 8 channels in a width of just 12mm (0.47in.).

The connected load is switched via digital output from the control system.

All outputs are short-circuit-protected.

Field and system levels are electrically isolated.

## Technical data

Number of digital outputs	8
Total number of channels (module)	8
Type of signal	Voltage
Type of signal voltage	DC 24 V
Sensor connection	8 × (1-conductor)
Output characteristic	High side switching
Output current per channel	0.5 A
Output current	Short-circuit-protected
Switching frequency max.	2 kHz
Type of load	Resistive, inductive, lams
Inductive load switch-off energy dissipation W (max.)	0.9 J
Max output data width (internal)	8 Bit
System supply voltage	DC 5 V; via data contacts
Current consumption, system supply (5 V)	25 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/supply
Indicators	LED (A-H) green: Status DO 1 ... DO 8
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Current carrying capacity of the power jumper contacts	10 A

## 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	67.8 mm / 2.669 inch
Height from upper-edge of DIN-35 rail	60.6 mm / 2.386 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
Fire load	1.034 MJ
Weight	50.8 g
Conformity marking	CE

## Environmental Requirements

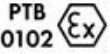

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Protection class	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	Horizontal (standing/lying) or vertical
Relative air humidity (no condensation)	95 %
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, marine applications
EMC emission of interference	Acc. to EN 61000-6-4, marine applications
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	4045454686901
Customs Tariff No.	85371098990

## Approvals / Certificates





### Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	ÜV 07 ATEX 54086 X en.
	TUEV Nord TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 09.0001 X

### Country specific Approvals





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

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1821926
	BV Bureau Veritas S.A.	-	13453/DO BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	KR Korean Register of Shipping	-	KR HMB05880AC001

	RINA RINA Germany GmbH	-	ELE066419XG
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UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1
	LR Lloyds Register	-	02/20026 (E6)
	NK Nippon Kaiji Kyokai	-	TA17255M
	PRS Polski Rejestr Statków	-	TE/2236 /880590/19

Subject to changes.

Domat control system

Do you have any questions about our products?

WAGO Kontakttechnik GmbH & Co. KG (manufacturer)

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