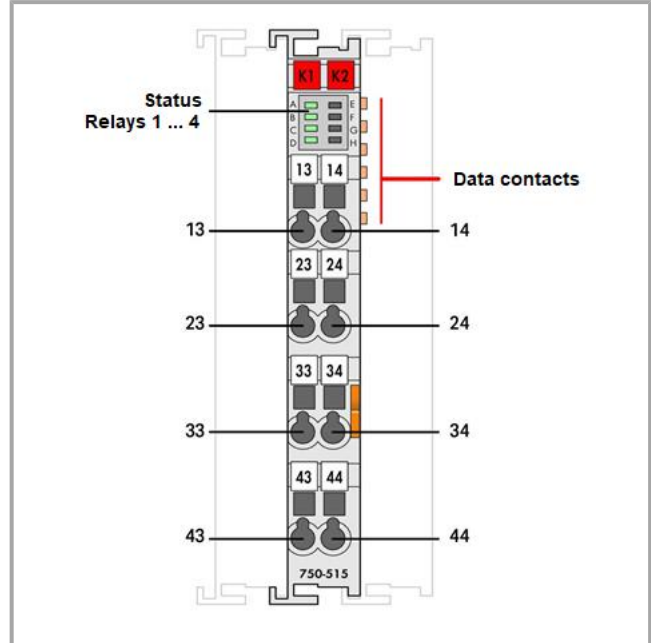
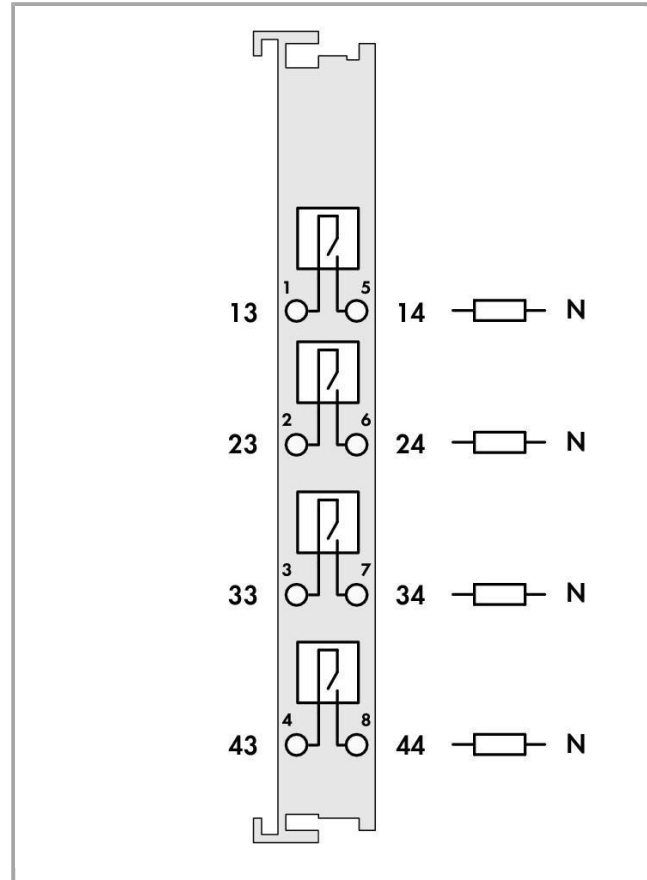
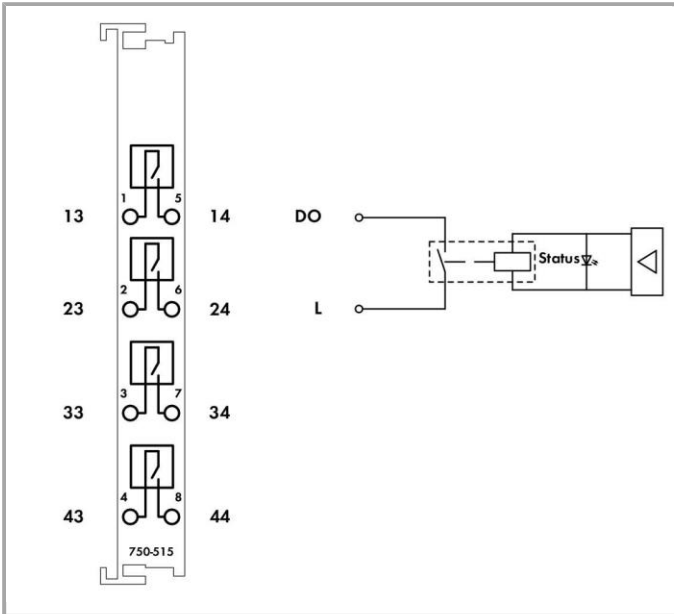


Data sheet | Item number: w750-515

4-channel digital output; AC 250 V; 2.0 A; Potential-free; Relay, 4 make contacts.

<https://www.domat-int.com/en/data-sheets>





## Item description

This digital output module transmits control signals from the automation device to the connected actuators.

The internal system voltage triggers the relay.

The NO contacts are electrically isolated.

The switched status of the relay is shown via LEDs.

## Data

### Technical Data

Number of digital outputs	4
Total number of channels (module)	4
Actuator connection	4 × (1-conductor)
Output switching design	4 make contacts relay
Output characteristic	potential-free
Switching frequency max.	0.33 Hz; 3 A / AC 250 V, DC 30 V
Switching frequency max. (2)	0.1 Hz; 5 A / AC 250 V, DC 30 V
Switching frequency max.	0.33 Hz
Load type of the switching frequency	3 A / AC 250 V, DC 30 V

Switching voltage (max.)	250 V AC, 30 V DC; 110 V DC at 0.4 A V
Switching current max.	2 A
Switching current, information note	5 A AC/DC at 1-channel operation
Switching power	1250 VA / 150 W; cos $\varphi$ max. = 0.4; L/R max. = 7 ms
Pull-in time (max.)	10 ms
Drop-out time (max.)	5 ms
Bounce time (typ.)	1 ms
Max output data width (internal)	4 Bit
System supply voltage	DC 5 V; via data contacts
Current consumption, system supply (5 V)	95 mA
System and sensor supply voltage	
Isolation	1500 V system/field
Indicators	Green LED (A-D): Status relay 1 ... relay 4

#### Connection data

Connection technology: Outputs	8 × CAGE CLAMP <sup>®</sup>
Connection type (1)	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

Contact material	AgNi + Au
Housing material	Polycarbonate, polyamide 6.6
Fire load	0.876 MJ
Weight	70.8 g
Conformity marking	CE

## Environmental Requirements

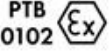


Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Protection class	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	horizontal (standing/lying) or vertical
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-3, marine applications
Exposure to pollutants	Per 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


Country of origin	DE
GTIN	4055143512831

## Approvals / Certificates




### Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079	TUEV_14_ATEX_148929_X
	ATEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX_TUN_14.0035_X
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	ANSI/ISA 12.12.01	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-W43DOM750

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19-HG1821926
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	PRS Polski Rejestr Statków	-	TE/2236/880590/19

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199 Sec10

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.