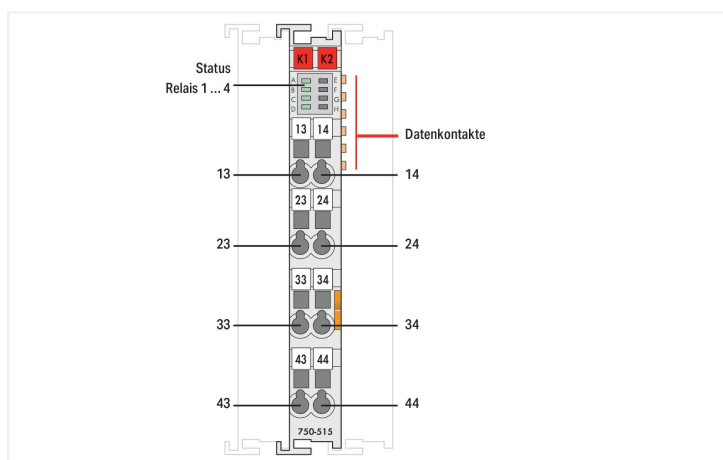
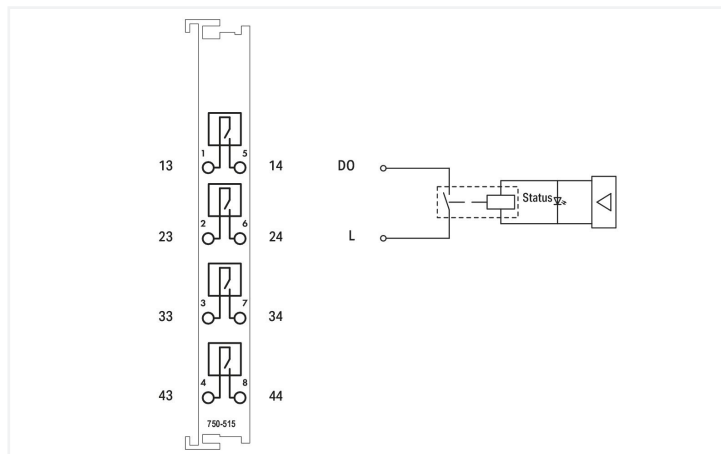


Data Sheet | Item Number: 750-515

4-channel relay output; AC 250 V; 2.0 A; Potential-free; 4 make contacts



<https://www.wago.com/750-515>



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 state of the relay is shown via LEDs.

Technical data

Number of digital outputs	4
Total number of channels (module)	4
Signal type	Digital
Actuator connection	4 x (1-wire)
Output circuit design	4 make contacts Relay
Output characteristic	potential-free
Switching frequency (max.)	0.33 Hz; 3 A / 250 VAC, 30 VDC
Switching frequency (max.) (2)	0.1 Hz; 5 A / 250 VAC, 30 VDC
Load type of switching frequency	3 A / 250 VAC, 30 VDC
Switching voltage (max.)	250 VAC; 30 VDC; 110 VDC at 0.4 A
Switching current (max.)	2 A
Switching current (note)	5 A for single-channel use
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

Technical data

Bounce time (typ.)	1 ms
Electrical switching operations (min.) (at max. resistive load)	100 x 10 ³ switching operations
Mechanical switching operations (min.) (at max. resistive load)	20 x 10 ⁶ switching operations
Output data width (internal) max.	4 bits
Supply voltage (system)	5 VDC; via data contacts
Current consumption (5 V system supply)	95 mA
Isolation	1500 V (system/field)
Indicators	LED (A-D) green: Status relay 1 ... relay 4

Connection data

Connection technology: inputs/outputs	8 x 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 inches

Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	67.8 mm / 2.669 inches
Depth from upper-edge of DIN-rail	60.6 mm / 2.386 inches

Mechanical data

Mounting type	DIN-35 rail
Pluggable connector	fixed

Material data

Contact material	AgNi + Au
Housing material	Polycarbonate; polyamide 6.6
Fire load	0.956 MJ
Weight	56 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-25 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	horizontal (standing/lying); vertical
Relative humidity (without condensation)	95 %
Vibration resistance	per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-3, marine applications
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

eCl@ss 10.0	27-24-26-04
eCl@ss 9.0	27-24-26-04
ETIM 8.0	EC001599
ETIM 7.0	EC001599
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143512831
Customs tariff number	85371098990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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