

2-channel relay output module; AC 125 V, DC 30 V

Item No.: 750-514



2-channel relay output module; AC 125 V, DC 30 V

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	750-514
EAN	4045454393489
Content	1
Order amount	1
Customer item number	

Notes

Control signals are transmitted from the automation device to connected actuators via the digital output module. The internal system voltage is used to trigger the relay. The NO contacts are electrically isolated. The switched status of the relay is shown by an LED. Actuators with a ground (earth) wire may be directly connected to the module.

Technical data

Miscellaneous

Color	light gray
Conformity marking	CE
No. of outputs	2 changeover contacts
Current via power jumper contacts (max.) [A]	10 [A]
Current consumption typ. (internal) [mA]	70 [mA]
Max. switching voltage	125 V AC / 30 V DC
Min. switching current	0.01 mA / 10 mV DC
Max. switching current	0.5 A AC / 1 A DC

Technical data	
Switching power	62.5 VA / 30 W
Max. switching frequency	20/min
Pull-in time (max.) [ms]	4 [ms]
Drop-out time (max.) [ms]	4 [ms]
Contact material	Silver alloy, gold-plated
Mechanical life (min.)	1 x 10 ⁸ switching operations
Internal bit width	2 bits
Degree of pollution	II; acc. to IEC 61131-2
Voltage drop at I max [V]	< 1 [V]
Degree of protection	IP20
Data contacts	Gleitkontakte, hartvergoldet, 1,5µm, selbstreinigend
Power jumper contacts	Messer-/Federkontakt, selbstreinigend
Clearances and creepage distances	gem. IEC 60664-1
Connection technology (1)	CAGE CLAMP®
Cross section from (1) [mm²]	0.08 [mm²]
Cross section up to (1) [mm²]	2.5 [mm²]
Cross section from (1) [AWG]	28 [AWG]
Cross section up to (1) [AWG]	14 [AWG]
Stripped length from (1) [mm]	8 [mm]
Stripped length up to (1) [mm]	9 [mm]
Stripped length (1) [in]	0.33 [in]
Fire load [MJ]	1.184 [MJ]
Weight [g]	49.5 [g]
Width [mm]	12 [mm]
Width [in]	0.472 [in]
Height [mm]	64 [mm]
Height [in]	2.52 [in]
Length [mm]	100 [mm]
Length [in]	3.937 [in]
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation) [%]	95 [%]
Type of mounting	DIN 35 rail
Operating temperature	0°C ... +55°C
Mounting position	any
Exposure to pollutants	gem. IEC 60068-2-42 und IEC 60068-2-43

Technical data

<i>EMC: marine applications - emission of interference</i>	<i>acc. to Germanischer Lloyd (2003)</i>
<i>EMC: marine applications - immunity to interference</i>	<i>acc. to Germanischer Lloyd (2003)</i>
<i>EMC: CE - emission of interference</i>	<i>acc. to EN 61000-6-4 (2007)</i>
<i>EMC: CE - immunity to interference</i>	<i>acc. to EN 61000-6-2 (2005)</i>
<i>Housing material</i>	<i>Polycarbonat, Polyamid 6.6</i>
<i>Maximum pollutant concentration with a relative humidity < 7</i>	<i>SO₂ 25 ppm; H₂S 10 ppm</i>
<i>Shock resistance</i>	<i>acc. to IEC 60068-2-27</i>
<i>Vibration resistance</i>	<i>acc. to IEC 60068-2-6</i>

Approbation

Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm ² , AWG]
750-514	ABS	03-HG374860/3-PDA			
750-514	ABS	10-HN1775034-X			
750-514	BSH	Bescheinigung Nr. 467			
750-514	BV	30389/A0 BV			
750-514	DNV	A-12306			
750-514	GL	26 898 - 05 HH			
750-514	KR	HMB05880-AC002			
750-514	LR	02/20026 (E4)			
750-514	NK	TA12716M			
750-514	Rina	ELE134212XG			
750-514	UL	E175199 Sec.1			

Accessories

Accessories

Carrier rail

Item no.	Description	Pack. unit (Sub Pack)
210-112	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 25 mm	1
210-113	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to en 60715	1
210-114	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; according to en 60715	1
210-115	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 18 mm	1
210-118	Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715	1
210-196	Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; according to en 60715	1
210-197	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; according to en 60715	1
210-198	Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715	1
210-504	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	1
210-505	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	1
210-506	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; ähnlich EN 60715	1
210-508	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; ähnlich EN 60715	1

Accessories

Marking accessories

Item no.	Description	Pack. unit (Sub Pack)
2009-145	Mini-WSB Inline; plain; 1,700 Mini-WSB markers (5 mm) on roll; stretchable 5 - 5.2 mm	1
248-501	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-002	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-005	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-006	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-007	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-012	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-017	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-023	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-024	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
750-100	Markers for group marker carrier; DIN A4 sheet (160 markers)	1
750-103	750/753 Series marker carrier	50

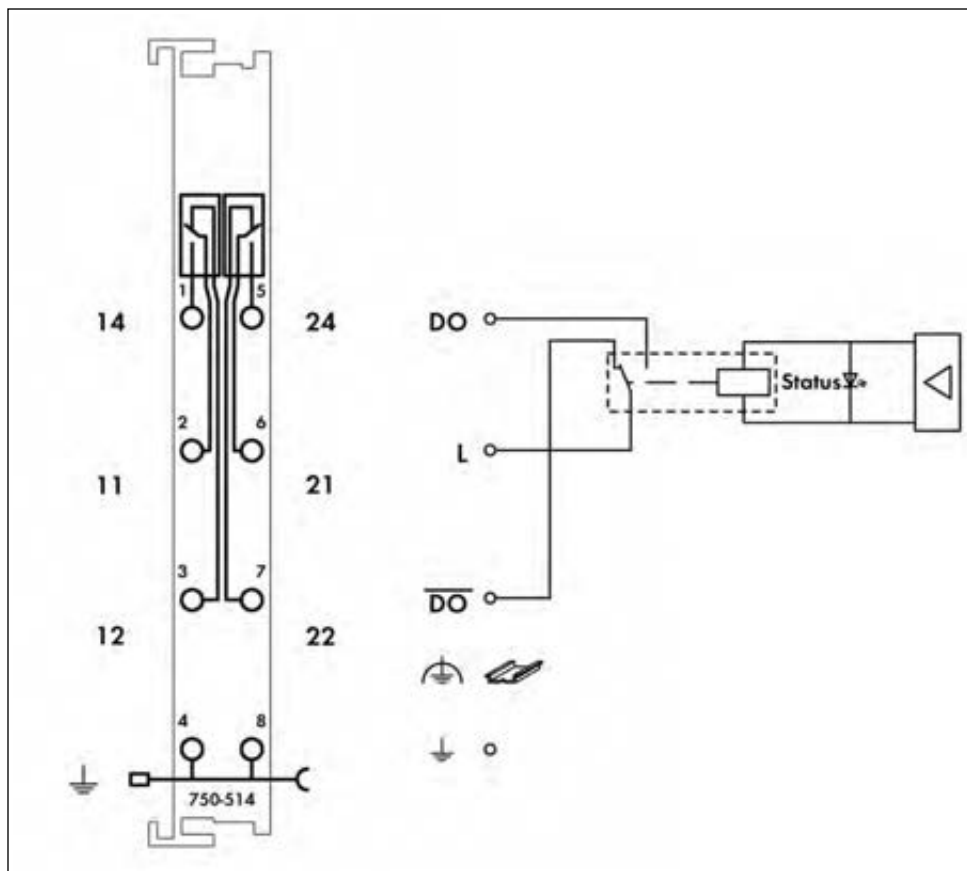
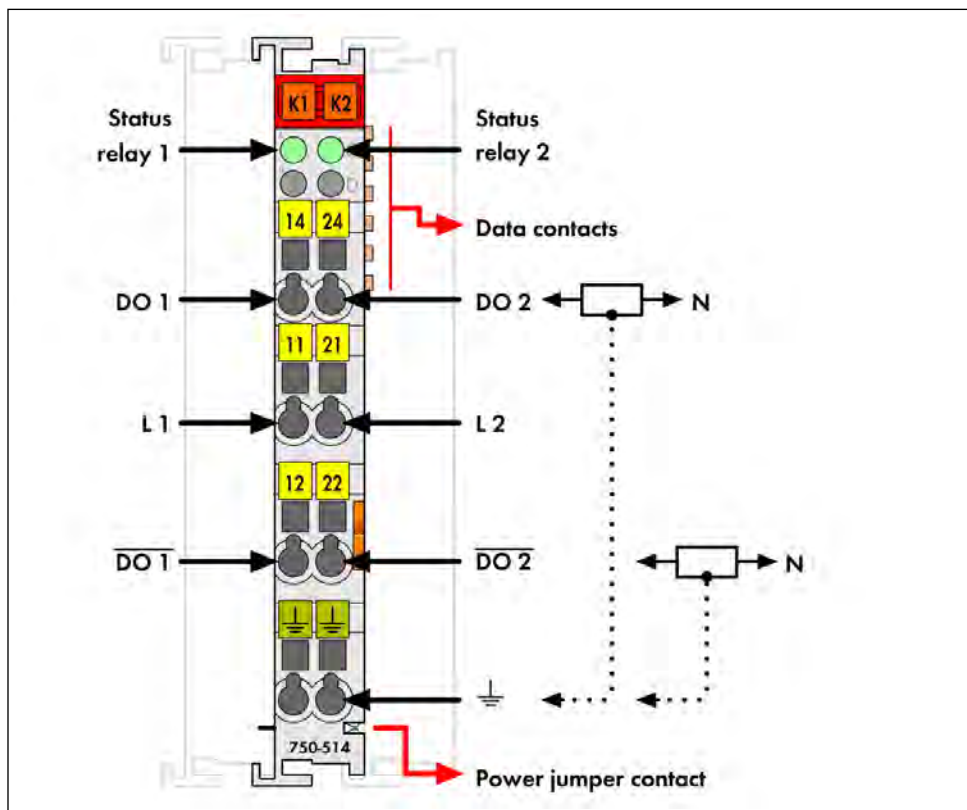
Accessories

General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-719	Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm; suitable for 279, 726, 727, 2000, 2001 and 2020 series	1
210-720	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series	1
288-812	Power supply unit; with universal mounting carrier; AC 230 V / DC 24 V,; Output voltage indication	1
288-813	Power supply unit; with universal mounting carrier; AC 115 V / DC 24 V,; Output voltage indication	1
790-108	Shield clamping saddle; 11 mm wide; diameter of compatible conductor; up to 8 mm	10
790-116	Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 mm to 16 mm	10
790-124	Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 mm to 24 mm	10
790-140	Shield clamping saddle; 43 mm wide; diameter of compatible conductor; 22 mm to 40 mm	10

Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.