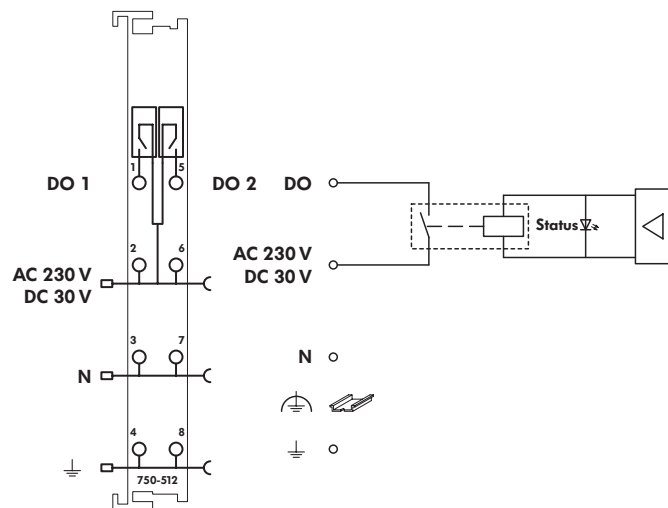
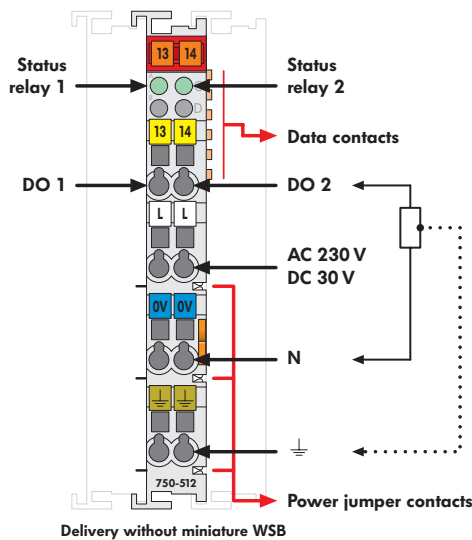


2-Channel Relay Output Module AC 230 V, DC 30 V

non-floating, 2 make contacts



The connected load is switched via the digital output (relay contacts) from the control system.
The internal system voltage is used to trigger the relays.

Note that the power jumper contacts supply both "N" (common point) and switched output voltages (this may be DC or AC).

The switched status of the relay outputs is shown by a LED.

The module is a 2-channel, 4-conductor device and actuators with a ground (earth) wire may be directly connected to the module.

Attention: An additional supply module must be added for the supply of AC 250 V/ DC 30 V!

Description	Item-No.	Pack.-unit pcs	Technical Data	
2DO 230 V AC 2.0A/Relay 2NO	750-512	10 ¹⁾	No. of outputs	2 make contacts
			Current consumption max. (internal)	100 mA
			Switching voltage relay	AC 250 V / DC 30 V
			Switching power relay	500 VA / 60 W (resistive load)
				$\cos \varphi_{\max} = 0.4$; $L/R_{\max} = 7 \text{ ms}$
¹⁾ Also available individually			Switching current max.	AC / DC 2 A
General specifications			Switching current min.	10 mA at 5 V DC
Operating temperature	0 °C ... +55 °C		Switching rate max.	30 /min (at nominal load)
Wire connection CAGE CLAMP®	0.08 mm² ... 2.5 mm²; AWG 28 ... 14		Pull-in time max.	10 ms
	8 ... 9 mm / 0.33 in stripped length		Bounce time typ.	1.2 ms
Dimensions (mm) W x H x L	12 x 64* x 100		Drop-out time max.	10 ms
	* from upper edge of 35 DIN rail		Contact material	silver alloy
Weight	ca 55 g		Mechanical life min.	2 x 10 ⁷ switching operations
Storage temperature	-25 °C ... +85 °C		Electrical life min.	3 x 10 ⁵ switching operations (AC 2 A / 250 V) or (DC 2 A / 30 V)
Relative air humidity	95 % no condensation		Isolation	1.5 kV eff. (field / system)**
Vibration and shock resistance	acc. to IEC 60068-2-6 acc. to IEC 60068-2-27			** 2.5 kV Rated surge voltage Overvoltage category III
Degree of protection	IP 20		Internal bit width	2 bits
EMC CE -Immunity to interference	acc. to EN 50082-2 (1996)			
EMC CE -Emission of interference	acc. to EN 50081-1 (1993)			
EMC marine applications -Immunity to interf.	acc. to Germanischer Lloyd (1997)			
EMC marine applications -Emission of interf.	acc. to Germanischer Lloyd (1997)			
Approvals				
CE and marine applications	see pages 1.10 ... 1.13			
Ex	II 3 G EEx nC II C T4, Class I Div2 ABCD T4A			
Conformity marking	CE			
Accessories	Item-No.	Pack.-unit pcs		
	Miniature WSB quick marking system plain			
	248-501	5		
	with marking	see pages 1.174 ... 1.175		