

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

Non-floating; 2 make contacts

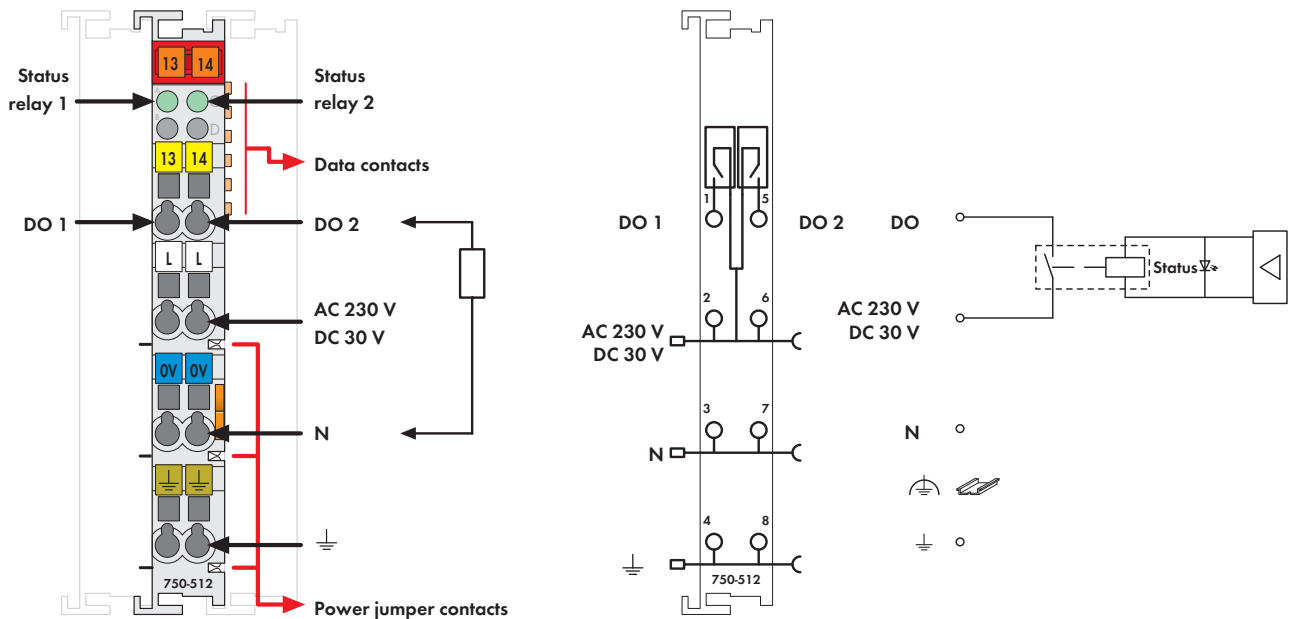


Fig. 750 Series
Delivered without miniature WSB markers

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.

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 is shown by an LED.

Notice:

An additional supply module must be added for operation with 250VAC / 30VDC!

Description	Item No.	Pack. Unit
2DO 230V AC 2.0A/ Relay 2NO	750-512	1
2DO 230V AC 2.0A/ Relay 2NO (without connector)	753-512	1
Accessories		
753 Series Connectors	753-110	25
Coding elements	753-150	100
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see Section 11	
Approvals		
Conformity marking	CE	
Korea Certification		
Marine applications	ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 07 ATEX 554086 X	I M2 Ex d I Mb, II 3 G Ex nA nC IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc	
IECEx TUN 09.0001 X	Ex d I Mb, Ex nA nC IIC T4 Gc, Ex tc IIIC T135°C Dc	

Technical Data	
No. of outputs	2 make contacts
Max. current consumption (internal)	100 mA
Max. switching voltage	250 V AC / 30 V DC
Switching power	500 VA / 60 W (resistive load) cos ϕ max. = 0.4; L/R max = 7 ms
Min. switching current	10 mA / 5 V DC
Max. switching current	2 A AC/DC
Max. switching frequency	30/min (at nominal load)
Pull-in time (max.)	10 ms
Bounce time (typ.)	1.2 ms
Drop-out time (max.)	10 ms
Contact material	Silver alloy
Mechanical life (min.)	2 x 10 ⁷ switching operations
Electrical life (min.)	3 x 10 ⁵ switching operations (2 A / 250 V AC) or (2 A / 30 V DC)
Isolation	1.5 kV eff. (field/system)*; * 2.5 kV rated surge voltage
Internal bit width	2 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Strip lengths, 750/753 Series	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	54.5 g
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-4, marine applications