

# 2-Channel Relay Output Module AC 230 V, DC 300 V

isolated outputs; 2 changeover contacts

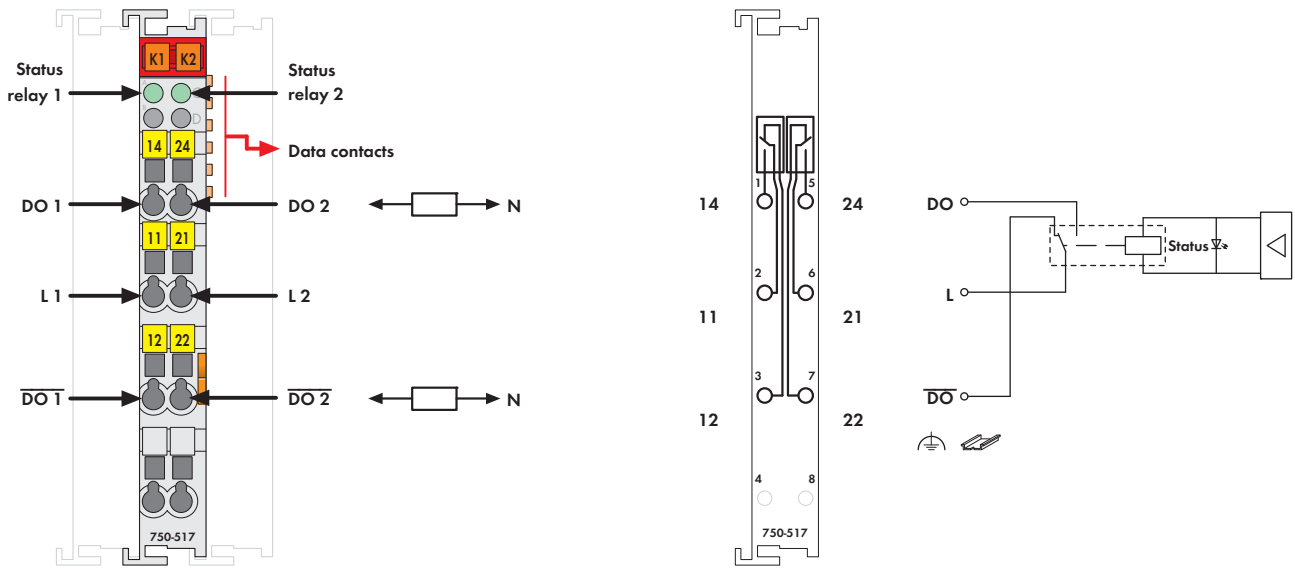







Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker  
Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19



The connected load is switched via the digital output (relay contacts) from the control system.

The internal system voltage is used to trigger the relay.

The SPDT contacts are electrically isolated.

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

Description	Item no.	Pack. unit
2DO 230V AC 1.0A/ Relay 2CO/ Potential Free	750-517	1
2DO 230V AC 1.0A/ Relay 2CO/ Potential Free (without connector)	753-517	1
<b>Accessories</b>		
 753 Series connector	753-110	25
 Coding elements	753-150	100
 <b>Miniature WSB quick marking system,</b>		
plain	248-501	5
with marking	see pages 256 ... 257	
<b>Approvals</b>		
Series 750 and 753		
Conformity marking	CE	
 UL 508		
Series 750		
 EN 50021	II 3 G EEx nC II C T4	
Marine applications	see "Approvals Overview" in section 1	

Technical Data	
No. of outputs	2 changeover contacts
Current consumption max. (internal)	90 mA
Switching voltage (max.)	AC 250 V / DC 300 V
Switching current (min.)	100 mA / 12 V DC
Switching current (max.)	AC 1A DC 1 A at 40 V
	DC 0.15 A at DC 300 V
Switching rate (max.)	6 / min (at nominal load)
Pull-in time (max.)	8 ms
Drop-out time (max.)	4 ms
Contact material	Silver alloy
Mechanical life	5 x 10 <sup>5</sup> switching operations
Electrical life	1 x 10 <sup>5</sup> switching operations (AC 1 A/250 V)
Isolation	1.5 kV eff. (field/system)*; * 2.5 kV rated surge voltage; Overvoltage category III
Internal bit width	2 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14
Stripped lengths (750 / 753 Series)	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	52.5 g
EMC  Immunity to interference	acc. to EN 50082-2 (1996)
EMC  Emission of interference	acc. to EN 50081-1 (1993)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2003)