

2-Channel Digital Output Module AC/DC 230 V

with solid state relay 0.3 A

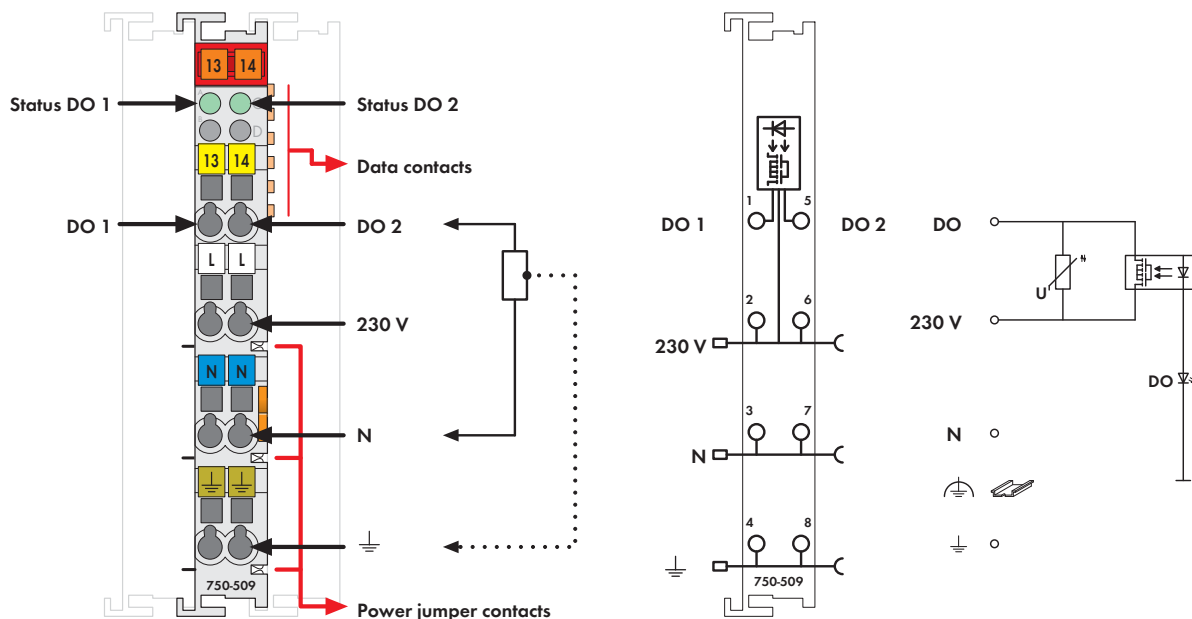


Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker
 Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19

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

The semiconductor output is electrically isolated from the control side. Note that the power jumper contacts supply both "N" (common point) and switched output voltages.

The switched status of the 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.

Notice:

An additional supply module must be added for operation with AC/DC 230 V!

Description	Item no.	Pack. unit
2DO 230V AC 0.3A/SSR	750-509	10 ¹⁾
2DO 230V AC 0.3A/SSR (without connector)	753-509	10 ¹⁾
1) Also available individually		
Accessories	Item no.	Pack. unit
 753 Series connector	753-110	25
 Coding elements	753-150	100
 Miniature WSB quick marking system, plain	248-501	5
	with marking	see pages 256 ... 257
Approvals		
Series 750 and 753		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
Series 750		
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4	
Marine applications	see "Approvals Overview" in section 1	

Technical Data	
No. of outputs	2
Current consumption (internal)	10 mA
Switching voltage (max.)	AC / DC 0 V ... 230 V
Switching current	300 mA
Peak current	0.5 A (20 s); 1.5 A (0.1 s)
Switching rate (max.)	5 Hz (24 V 0.3 A DF = 50 %); 0.5 Hz (230 V 0.3 A DF = 50 %)
Pull-in time (typ.)	4 ms
Pull-in time (max.)	10 ms
Drop-out time (typ.)	0.1 ms
Drop-out time (max.)	3 ms
R ON (typ.)	2.1 Ω
R ON (max.)	3.2 Ω
Overvoltage protection	AC 275 V (Varistor)
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 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths (750 / 753 Series)	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	54.5 g
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 interference	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of interference	acc. to Germanischer Lloyd (2003)