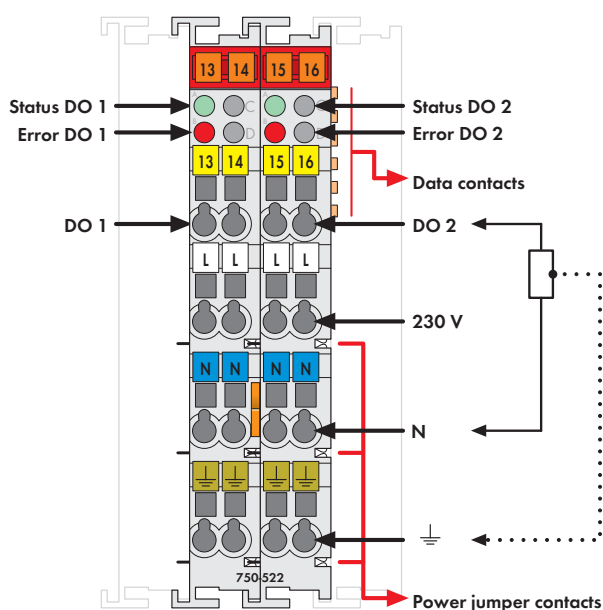


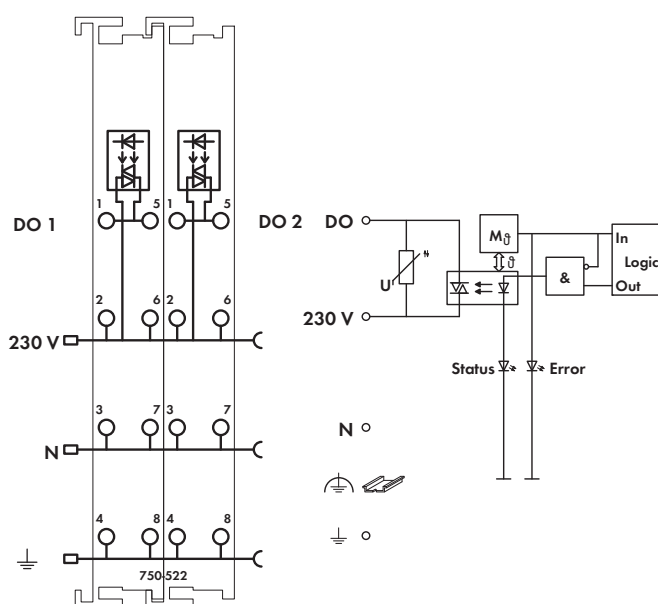


Delivery without Mini WSB marker

The digital output module controls actuators via semiconductor outputs. The bus module receives the control signal via a fieldbus coupler.

The control of the outputs is fully isolated. The outputs are switched at the zero cross. The voltage supply of the outputs is made via the power jumper contacts.

Each output has its own overload protection which is realized via an internal temperature limit. In case of an overload, the bus module switches off the output. After the output connection has cooled down, it triggers the output again. The error bit reports the overload in the process image.



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

Notice:

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

Description	Item no.	Pack. unit
2DO 230V AC 3.0A/30s/SSR	750-522	1
Accessories	Item no.	Pack. unit
Miniature WSB quick marking system,		
 plain	248-501	5
with marking	see pages 256 ... 257	
Approvals		
Series 750		
Conformity marking	C E	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4 BR-Ex nA II T4	

Technical Data	
No. of outputs	2 make contacts
Current consumption typ. (internal)	40 mA
Switching voltage (max.)	AC 35 V ... 230 V
Switching current (nom.)	0.5 A per channel
Switching current (min.)	50 mA
Switching current (max.)	3 A (< 30 s operating time) each channel for a turn-on cycle of 1 hour
Peak current	18 A (100 ms); 30 A (10 ms)
Switching rate (max.)	50 Hz
Overvoltage protection	AC 275 V (Varistor)
Operating speed (typ.)	1.65 ms
Operating speed (max.)	15 ms
Leakage current when turned off	< 2.3 mA
Isolation	3 kV system/supply
Internal bit width	2 bits in, 2 bits out
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	24 mm
Weight	115 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)