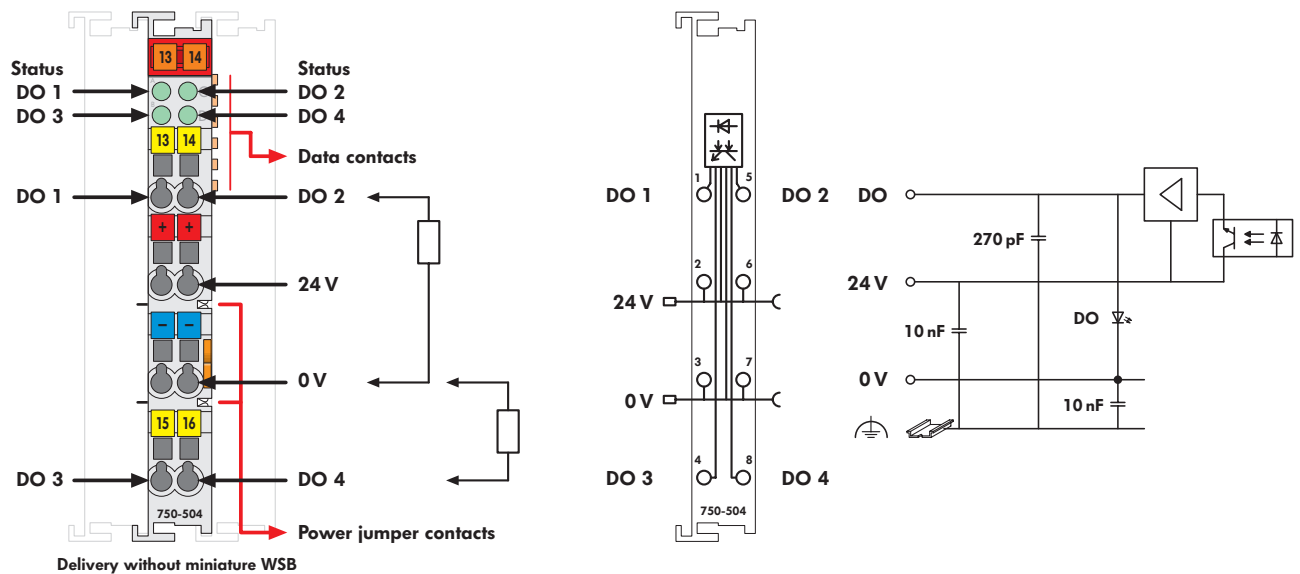


4-Channel Digital Output Module DC 24 V

short-circuit-protected; high-side switching




Delivery without miniature WSB

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

All outputs are electronically short-circuit-protected.

The module is a 4-channel, 2-conductor device. Each output is electrically isolated from the bus by use of optocouplers.

Description	Item-No.	Pack.-unit pcs	Technical Data
4DO 24V DC 0.5A	750-504	10 ¹⁾	No. of outputs 4
			Current consumption (internal) 7 mA
			Voltage via power jumper contacts DC 24 V (-25% ... +30%)
			Type of load resistive, inductive, lamps
			Switching rate _{max.} 1 kHz
			Output current 0.5 A short-circuit-protected
¹⁾ Also available individually			Inductiv load switch-off energy dissipation $W_{max.}$ 0.3 J
			$I_{Lmax} = 2 \times W_{max.} / I^2$
General specifications			Isolation 500 V system / supply
Operating temperature	0°C ... +55°C		Current consumption _{typ.} (field side) 30 mA / module + load
Wire connection CAGE CLAMP®	0.08 mm ² ... 2.5 mm ² ; AWG 28 ... 14		Internal bit width 4 bits
	8 ... 9 mm / 0.33 in stripped length		
Dimensions (mm) W x H x L	12 x 64* x 100		
	* from upper edge of 35 DIN rail		
Weight	ca 50 g		
Storage temperature	-25°C ... +85°C		
Relative air humidity	95% no condensation		
Vibration and shock resistance	acc. to IEC 60068-2-6 acc. to IEC 60068-2-27		
Degree of protection	IP 20		
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			
e _{UL} and marine applications	see pages 1.10 ... 1.13		
CE	II 3 G EEx nA II 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		