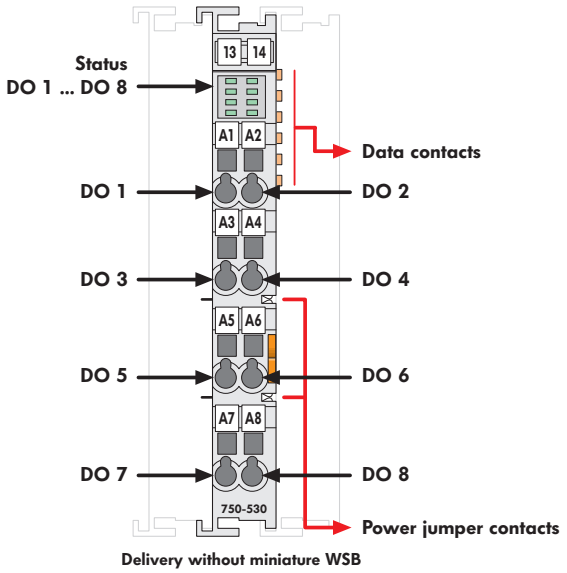
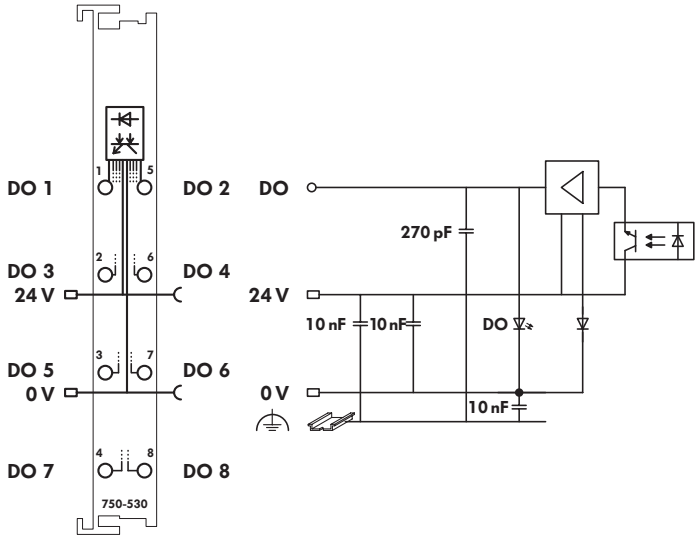
8-Channel Digital Output Module DC 24 V

short-circuit-protected; high-side switching



Delivery without miniature WSB



The digital output modules provide 8 channels maintaining a width of only 12mm.
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
8DO 24V DC 0.5A	**750-530**	10 [1]

[1] Also available individually

General specifications

Operating temperature	0 °C ... +55 °C
Wire connection CAGE CLAMP®	0.08 mm² ... 2.5 mm²; AWG 28 ... 14
	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	acc. to IEC 60068-2-6
shock resistance	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)

Approvals

cULus	see pages 1.10 ... 1.13
Ex	II 3 GD 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	

Technical Data

No. of outputs	8
Current consumption (internal)	25 mA
Voltage via power jumper contacts	DC 24 V (-15 % ... +20 %)
Type of load	resistive, inductive, lamps
Switching rate $_{max}$	2 kHz
Output current	0.5 A short-circuit-protected
Inductiv load switch-off	
energy dissipation $W_{max.}$	0.9 J
	$L_{max} = 2 \times W_{max.} / I^2$
Isolation	500 V system / supply
Current consumption $_{typ.}$ (field side)	15 mA / module + load
Internal data size	8 bits

WAGO Kontakttechnik GmbH
Postfach 2880 • D-32385 Minden
Hansastr. 27 • D-32423 Minden
Tel.: +49(0)571 / 887-0
Fax.: +49(0)571 / 887-169
E-Mail: info@wago.com
www.wago.com