

8-Channel Digital Output Module DC 24 V

short-circuit protected; high-side switching

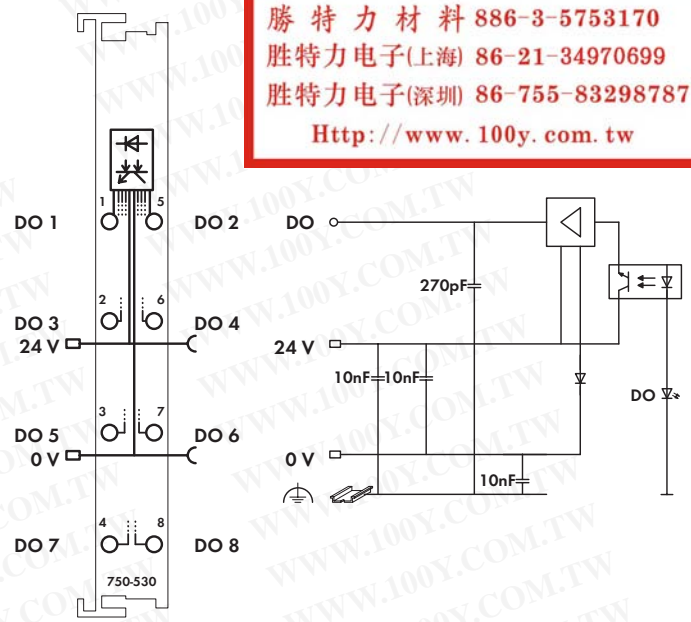
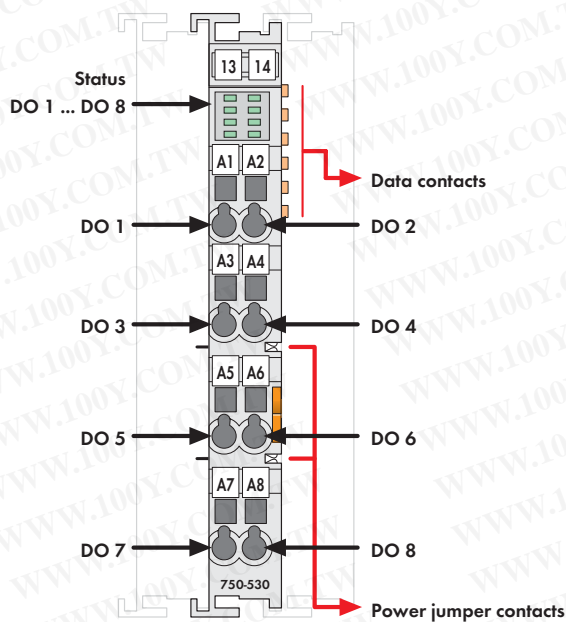


Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19

NOTE: Connection point marking (i.e., 1 ... 8) does not refer to channel assignment

The digital output modules provide 8 channels maintaining a width of only 12 mm. The connected load is switched via the digital output from the control system.

All outputs are electronically short-circuit-protected.

Each output is electrically isolated from the bus by use of optocouplers.

Description	Item no.	Pack. unit
8DO 24V DC 0.5A	750-530	10 ¹⁾
8DO 24V DC 0.5A/T (Operating temperature -20 °C ... +60 °C)	750-530/025-000	1
8DO 24V DC 0.5A (without connector)	753-530	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	BR-Ex nA II T4	
	see "Approvals Overview" in section 1	

Technical Data	
No. of outputs	8
Current consumption (internal)	25 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Switching rate (max.)	2 kHz
Output current (max.)	0.5 A, short-circuit protected
Inductive load switch off energy dissipation W (max.)	0.9 J; L max = 2 x W max / I ²
Current consumption typ. (field side)	15 mA + charge
Isolation	500 V system/supply
Internal bit width	8 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Stripped lengths (750 / 753 Series)	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	48.5 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-2 (1994)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2003)

8通道 数字量输出模块 DC 24 V 0. A 高电平 带有短路保护

包装单位 1 件

RoHS compliant

项目组	15 (I/O系统)
输出数量	8
电流消耗 (内部)	25 mA
负载类型	阻性, 感性, 灯
最大开关频率	2 kHz
输出电流	0.5A 短路保护
隔离	500 V 系统/供电
内部数据位宽	8 Bit
单电流	500 mA
工作温度	0 °C ... + 55 °C
储藏温度	-25 °C ... +85 °C
空气相对湿度	95 %
抗振动	符合 IEC 60068-2-6标准
抗冲击	符合 IEC 60068-2-27标准
保护等级	IP 20
认证标记	CE
认证	ATEX
最小可接导线截面积 [mm ²]	0,08 - 2,5 mm ²
最小可接导线截面积 [AWG]	28 - 14 AWG
连接方式	CAGE CLAMP®CONNECTION
重量	48,5 g
颜色	浅灰色
高度	64 mm
高度	2,52 in
厚度	12 mm
厚度	0,472 in
宽度	100 mm
宽度	3,937 in
最小剥线长度	8 mm
最大剥线长度	9 mm
剥线长度	0,33 in
安装	TS 35

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