2-Channel Digital Output Module 24 V DC, Ex i

Short-circuit protected; PNP-positive switching



The digital output module controls actuators in hazardous Zone 1, such as intrinsically safe magnetic valves.
The WAGO-I/O-SYSTEM 750 must be installed either in Zone 2 or in a non-

Note: The digital output module must only be operated via Ex i 24VDC power supply!

General information (e.g., installation regulations) on explosion protection is available in the WAGO-I/O-SYSTEM 750 manuals!

Status DO 1 Status DO 2 **Data contacts** DO 1 DO 2 Power jumper contacts

Delivered without miniature WSB markers

All outputs are electronically short-circuit-protected. LED indicators:

• Green LED (output status) Field and system levels are electrically isolated.

Description		Item No.	Pack. Unit	Technical Data	
2DO 24V DC Ex i		750-535	1	No. of outputs	2
				Current consumption typ. (internal)	7 mA
				Voltage via power jumper contacts	Supply via 24 V DC Ex i supply modu
				Type of load	resistive, inductive, lamps
				Max. switching frequency	1 kHz
				Output data	24 V DC, $Ri = 285 \Omega$
				Current consumption typ. (field side)	8.5 mA / module + load
				Power consumption P (max.)	2.1 W (with an output current of 40 m
				Power loss P _v	1.1 W (with an output current of 40 m
				Isolation	375 V system/supply
				Bit width	2 bits (status)
Accessories		Item No.	Pack. Unit		
Miniature WSB Quick marking system					
CHARLES OF STREET	plain	248-501	5		
	with marking	see pages 352 353			