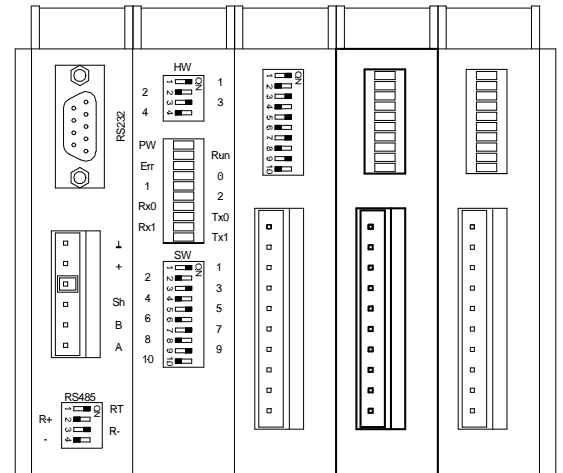


AD-PDO8

8 Digital Outputs 24 V DC 0.5 A

- 8 galvanically separated transistor outputs, 24V DC/500 mA
- Common 24 V terminal for all module signals
- Output state indication by red LED
- Short circuit and thermal protection
- Overvoltage protection during inductive load switching (relay)
- Self-stacking connection to the AD-CPU167 unit, DIN rail mounting



TECHNICAL DATA

Outputs	8
Common lead	GND
Switching element	MOS
Galvanic separation	Yes *)
Switched voltage	24 V DC \pm 20 %
Switching current	500 mA
Max. current of current protection circuit	0.7 to 2.5 A
Max. current on common lead +24 V DC	4.5 A
Residual current at Log. 0	0 mA
Switch on time	40 μ s
Switch off time	100 μ s
Short circuit protection	Electronic
Inductive load protection	Transil 600 W
Power supply	Internal
Max. consumption from internal source	20 mA at 24 V DC
Others	
Max. number of modules	16
Module position in system	No limitation
Signal connection	WAGO 231 cage clamp connectors, code protection against mistaking
Cover protection rate	IP20
AD-PDO8 operating temperature	0 to 70 °C
AD-PDO8/I operating temperature	-40 to 70 °C
Max. ambient humidity	< 95 % non-condensing
Mounting	35 mm DIN rail
Weight	200 g
Dimensions (w x h x d)	25 x 104 x 96 mm

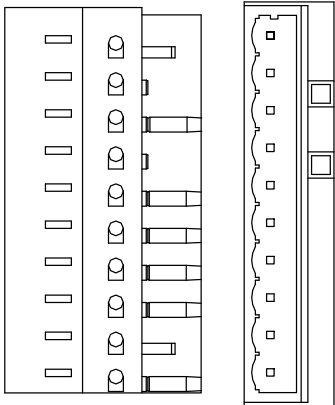
*) Insulation strength 500 V AC / 1 minute, galvanic insulation may not be used for safe and unsafe parts separation.

ORDERING INFORMATION

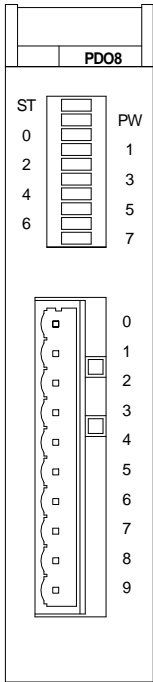
AD-PDO8	8 digital outputs module, WAGO231-310 connector, data sheet, warranty card
AD-PDO8/I	8 digital outputs module with temperature range -40 to 70 °C, WAGO231-310 connector, data sheet, warranty card

MODULE DESCRIPTION AND SIGNAL ASSIGNMENT

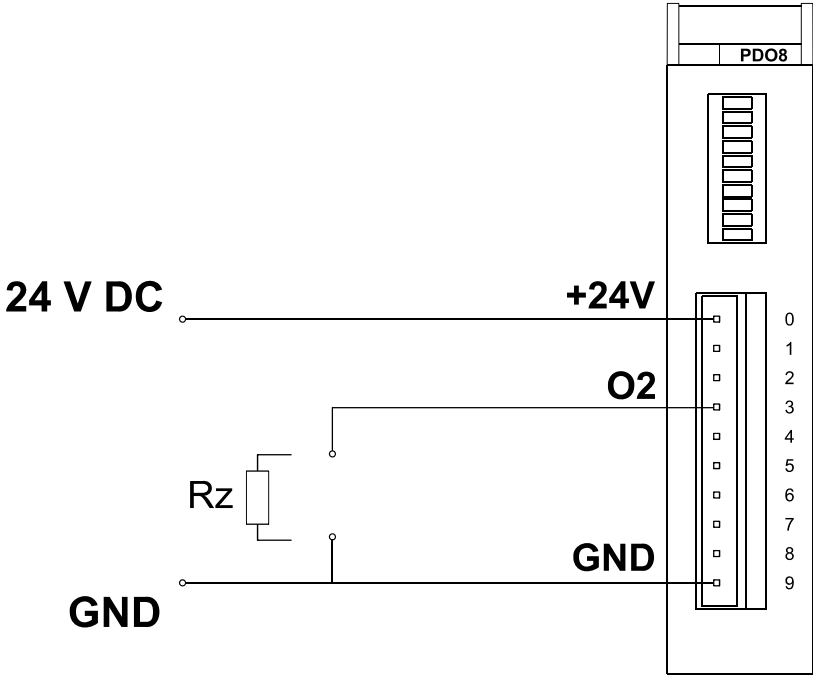
CONNECTOR CODING



Strobe	ST	ST	PW	PW	Power supply
Output 0	Out0	0	1	Out1	Output 1
Output 2	Out2	2	3	Out3	Output 3
Output 4	Out4	4	5	Out5	Output 5
Output 6	Out6	6	7	Out7	Output 7



MODULE WIRING EXAMPLE



Note: the GND 9 terminal had to be always connected for the right function.