

General:

The module is being integrated with 2400 series solenoid Valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP standard outlets. The module can handle up to 16 solenoid valves (8 solenoid valves bistable).

Power supply connector is a standard 9 poles Sub D, allows to divide the node feeding from the one of outlets, letting the node feed but the outlets without power supply.

Connection to net CanOpen is possible via 2 connector M12 5 pole male-female, being the connectors in parallel.

The node address can be set by 6 switch by utilizing BCD numeration from 1 to 63.

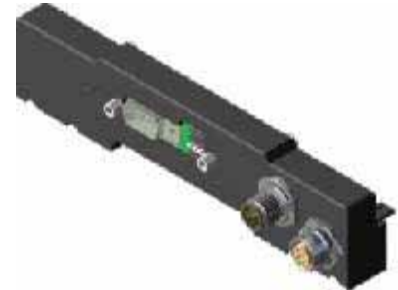
Transmission speed can be set through 2 switch.

The module can't host an internal terminating resistance.

*It allows to feed 4 outlets simultaneously but switching off them partially in case of emergency.

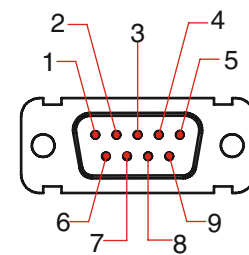
Ordering code

5500.16.00
5500.16.4A*



5500.16.00

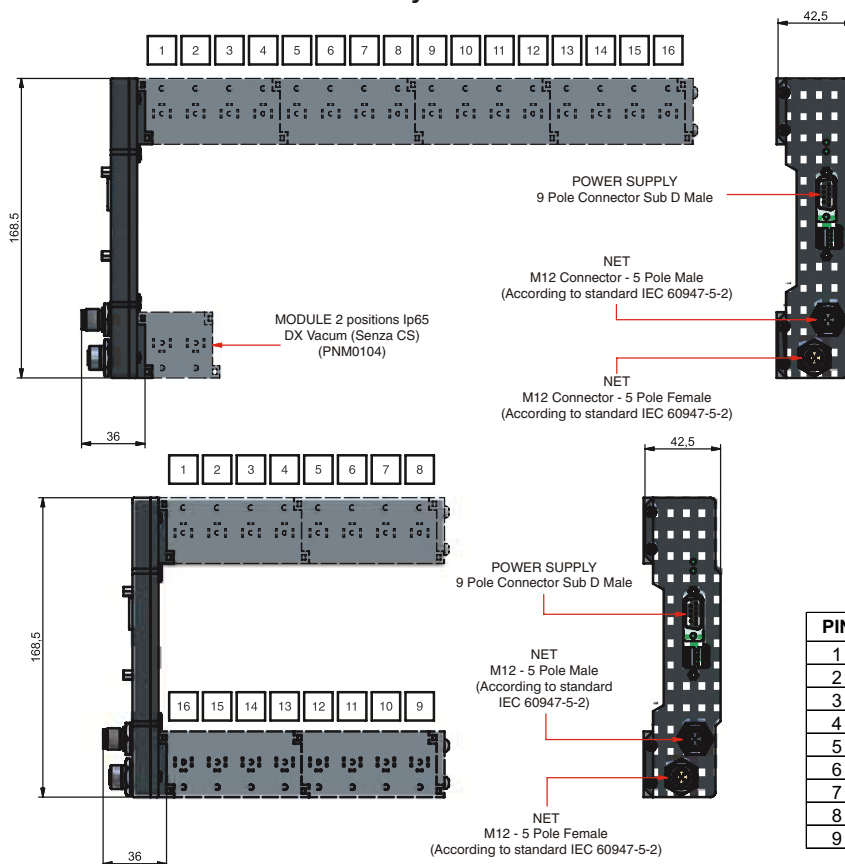
PIN	DESCRIPTIONS
1	24 VDC for outlets
2	24 VDC for outlets
3	24 VDC for outlets
4	24 VDC for outlets
5	24 VDC for node
6	Common
7	Common
8	Common
9	Common



5500.16.4A

PIN	DESCRIPTIONS
1	Power supply 24 VDC for outlets 1-2-3-4
2	Power supply 24 VDC for outlets 5-6-7-8
3	Power supply 24 VDC for outlets 9-10-11-12
4	Power supply 24 VDC for outlets 13-14-15-16
5	24 VDC for node
6	Common
7	Common
8	Common
9	Common

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5500.16.00
	Protocol	CanOpen
	Spec	Draft Standard 301 V 4.02 – Feb. 2002
	External casing	Reinforced technopolymer
	Power supply	Power supply connection
		9 Pole connector sub D Male
		Voltage
		+24 VDC +/- 10%
		Node consumption (outlets excluded)
		50 mA
	Outlets	PNP equivalent outlets
		+24 VDC
		Maximum current each inlet
		100 mA
		Outlets, maximum numbers
		16
		Maximum n. outlets that can be actuated simult.
		16
	Net	Connections to net
		2 connector M12 5 Poles Male-Female (IEC 60947-5-2)
		Transmission capability
		125 - 250 - 500 - 1000 Kbit/s
		Addresses, possible numbers
		from 1 to 63
		Node, maximum numbers
		128
		Bus maximum lengths
		100 m to 1000 Kbit/s
		Diagnosis bus
		Green Led + Red Led
		Configuration file
		PnxS106.eds
		Protection degree
		IP65 (node and connector mounted)
		Ambient temperature
		from -0° to +50°C