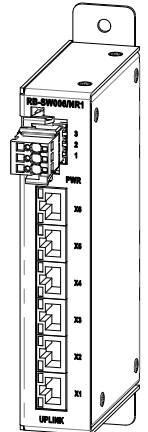


# RB-SW006/NR1

Industrial Ethernet Switch

- 5+1 ports industrial switch
- 1 port 100 Mbps for Uplink
- 5 ports 10/100 Mbps
- Power supply 24 V DC
- Designed in accordance with EN 50155



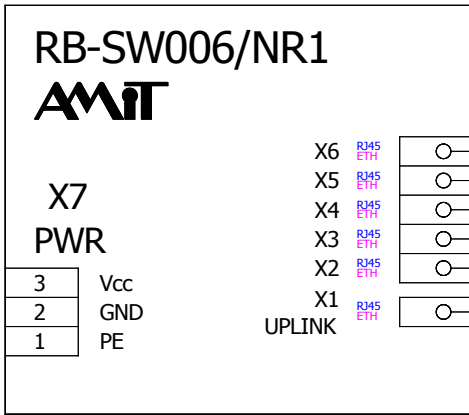
## TECHNICAL DATA

<b>Number of ports</b>		5 + 1
Communication rate	X1	100 Mbps
	X2 to X6	10/100 Mbps
<b>Power supply</b>		9 V to 33.6 V DC
Power consumption		Max. 0.2 A at 24 V DC
<b>Others</b>		
Cover protection rate		IP20
Operating temperature		-40 °C to 70 °C
Storage temperature		-40 °C to 70 °C
Max. ambient humidity		< 95 % non-condensing
Mounting		2 × ø 6 mm hole
Weight		700 g
Dimensions (w × h × d)		(33 × 193 × 88) mm

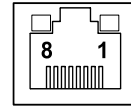
## ORDERING INFORMATION

<b>RB-SW006/NR1</b>	Industrial Ethernet switch, WAGO connector counterpart, user's manual, warranty card, production test report, insulation test report
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## RECOMMENDED DIAGRAM SYMBOL



## NUMBERING OF CONNECTORS PINS



## CONNECTORS DESCRIPTION

Connector	Assignment
X1	Ethernet port 1 – Uplink
X2	Ethernet port 2
X3	Ethernet port 3
X4	Ethernet port 4
X5	Ethernet port 5
X6	Ethernet port 6
X7	Power supply

## CONNECTORS X1 TO X6

Terminal	Assignment
1	Tx+
2	Tx-
3	Rx+
4	Not connected
5	Not connected
6	Rx-
7	Not connected
8	Not connected

## CONNECTOR X7 (POWER SUPPLY)

Terminal	Label	Assignment
1	PE	Module frame
2	GND	Power supply, ground
3	Vcc	Power supply 24 V DC

## LED ASSIGNMENT

LED	Status	Assignment
PWR	shine	Power supply OK

## RECOMMENDED CABLING

Crossbred or uncrossed CAT5 shielded cable is recommended for all ports.

## PHYSICAL DIMENSIONS

