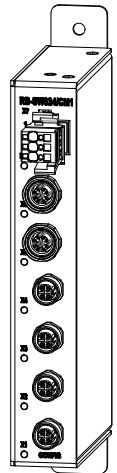


RB-SW024/CM1

Configurable Ethernet switch

- 2 × port 1 Gbps
- 4 × port 100 Mbps
- VLAN 802.1Q
- QoS
- Port aggregation
- Port mirroring
- Operation diagnostics
- Connection through M12 connectors
- Power supply +24 V DC
- Design according to EN 50155



TECHNICAL DATA

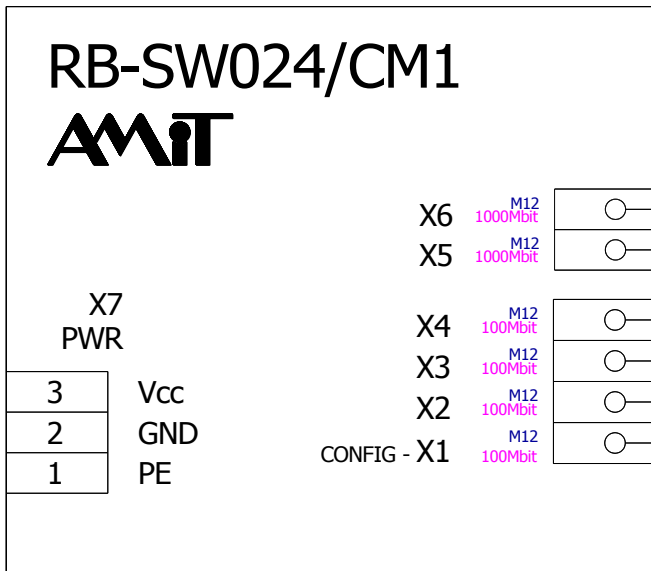
Number of ports	6
Communication rate	2 × 1 Gbps 4 × 100 Mbps
Connection point	2 × connector M12, X coding 4 × connector M12, D coding
Galvanic separation	yes
Galvanic separation strength	1000 V AC / 1 minute *)
Power supply voltage	16.8 V to 33.6 V DC
Power consumption	Max. 0.3 A at 24 V DC
Connection point	Connector WAGO 769-663/003-000
Cover	IP20
Operating temperature range	-40 °C to 70 °C
Storage temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Mounting	2 × hole ø 5.5 mm
Weight	0.97 kg
Dimensions (w × h × d)	(33 × 233 × 116) mm

*) Insulation may not be used for dangerous voltage separation.

ORDERING INFORMATION

RB-SW024/CM1	Ethernet switch, Power supply connector counterpart, Certificate of product quality and completeness, Routine testing protocol, Insulation testing protocol
M12M04D-MC/A	M12 D-coded connector counterpart
M12M08X-MC/A	M12 X-coded connector counterpart

RECOMMENDED DRAWING SYMBOL



CONNECTORS SPECIFICATION

Connector	Meaning
X1	Port 1 – 100 Mbps
X2	Port 2 – 100 Mbps
X3	Port 3 – 100 Mbps
X4	Port 4 – 100 Mbps
X5	Port 5 – 1 Gbps
X6	Port 6 – 1 Gbps
X7	Power supply

CONNECTOR X7 (POWER SUPPLY)

Terminal	Label	Meaning
1	PE	Module chassis.
2	GND	Power supply, ground
3	Vcc	Power supply, +24 V DC

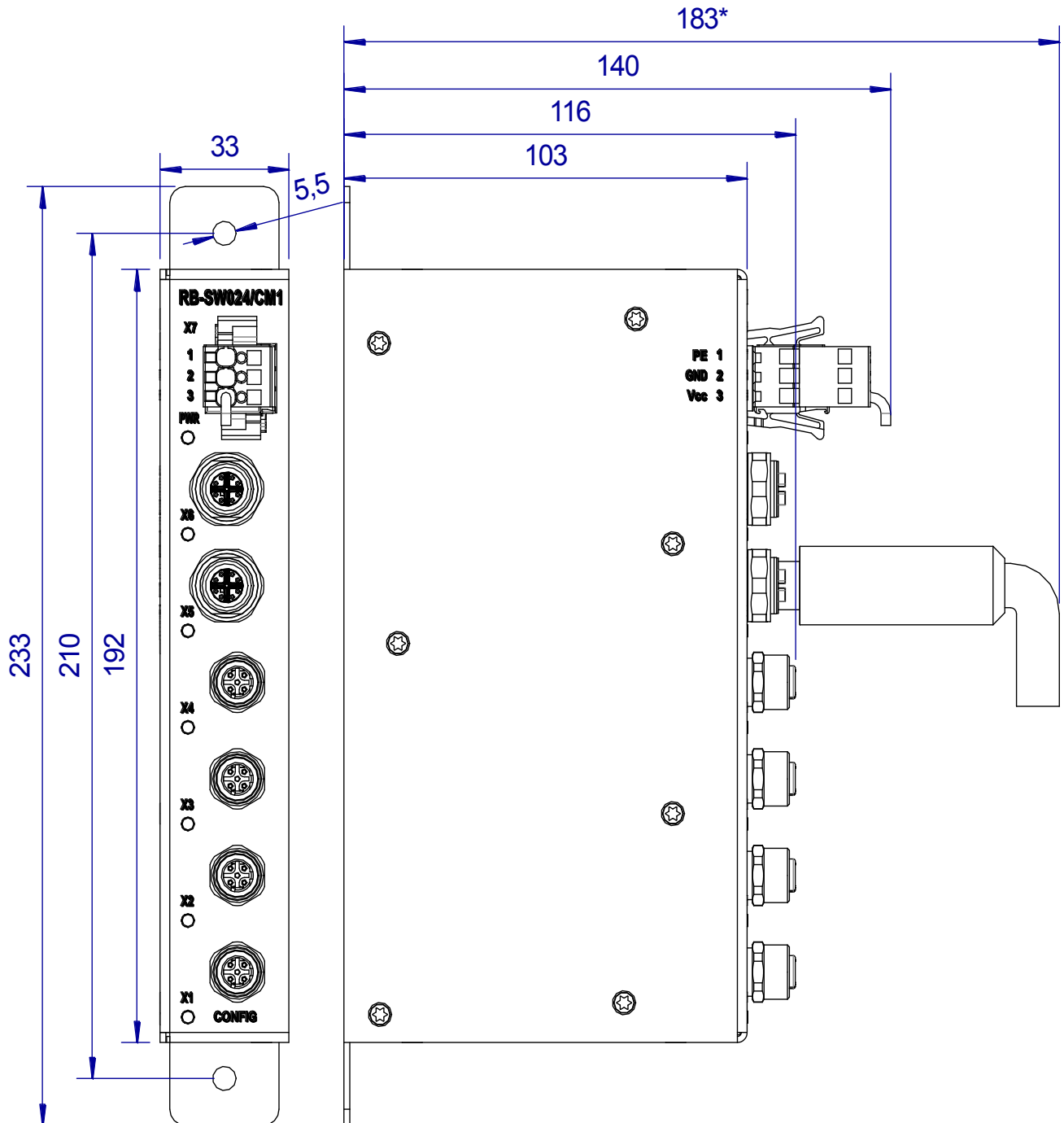
MEANING OF LEDS

LED	Status	Meaning
PWR	Lights	Power supply OK
X1 to X6	Lights	Cable connection detected
X1 to X6	Blinks	Running communication

RB-SW024/CM1

Configurable Ethernet switch

MECHANICAL DIMENSIONS



*) depends on type of used connector, all dimensions are in mm

Data provided in this datasheet are only informative. Detailed information can be found in operational manual (rb-sw024cm1_g_en_xxx.pdf). Documentation can be downloaded from www.amit-transportation.cz web site.