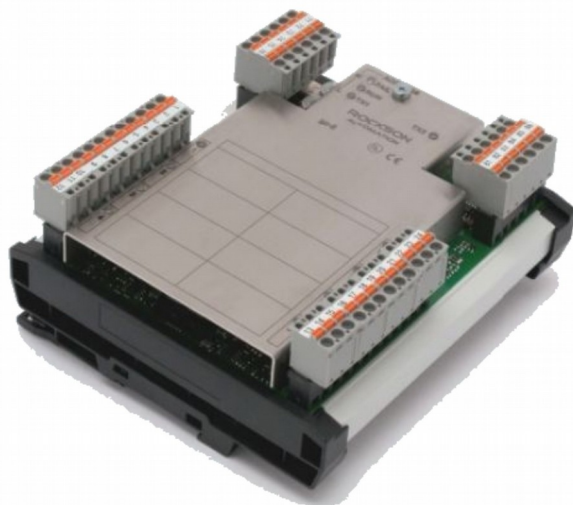


MO-8 8 Channel Mixed Output Module



Features

- 8 configurable outputs for:
 - 0 – 20 mA or
 - 0 – 10 V
- Detachable terminal blocks per channel
- Complete: No distribution strips required
- Built-in output error monitor
- Redundant power supply inputs
- Redundant isolated field buses
- Easy replacing: Just set address and go!

Specifications

Physical

Size W x H x D	128 x 140 x 65 mm
Mounting	35 mm DIN rail
Front / Rear panel seal	IP20
Weight	365 g

Power supply

Supply voltage range	18 - 32 V DC
Power consumption	8 W

Signal outputs

Current outputs:

Output range	0 - 20 mA
Maximum load for 20 mA	500 Ohms

Voltage outputs:

Output range	0 – 10 V
Minimum load resistance	1 kOhms

Field buses

Electrical	RS485
Protocol	Modbus RTU

Agency Approvals:

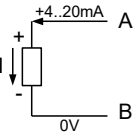
EMI	IEC 60945 Chapters 9.2, 9.3
EMS	EN61000-4-2 (ESD), level 3
	EN61000-4-3 (RS), level 3
	EN61000-4-4 (EFT), level 3
	EN61000-4-5 (Surge), level 2
	EN61000-4-6 (CS), level 2
Vibration	IEC60068-2-6
Dry Heat	IEC60068-2-2
Humidity	IEC60068-2-30
Low Temperature	IEC60068-2-1
Maritime Specifications	GL, LR, DNV, IACS, BV

MO-8 8 Channel Mixed Output Module

Terminal Assignment

CURRENT OUTPUT

MO-8

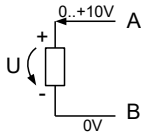


MAX. 500 Ω

	A	B	A	B
CH 01	1	2	CH 08	15 16
CH 02	3	4	CH 07	13 14
CH 03	5	6	CH 06	11 12
CH 04	7	8	CH 05	9 10

VOLTAGE OUTPUT

MO-8



MIN. 1 kΩ

	A	B	A	B
CH 01	1	2	CH 08	15 16
CH 02	3	4	CH 07	13 14
CH 03	5	6	CH 06	11 12
CH 04	7	8	CH 05	9 10

MO-8 8 Channel Mixed Output Module

connection diagram

LED FAIL: Red. Lights up in case of failure.

LED RUN: Green. Lights steady when module is running.

LED Tx1: Yellow. Flickers when module is communicating with fieldbus at X5.

LED Tx2: Yellow. Flickers when module is communicating with fieldbus at X6.

