

Coupling module with manual control

CMA



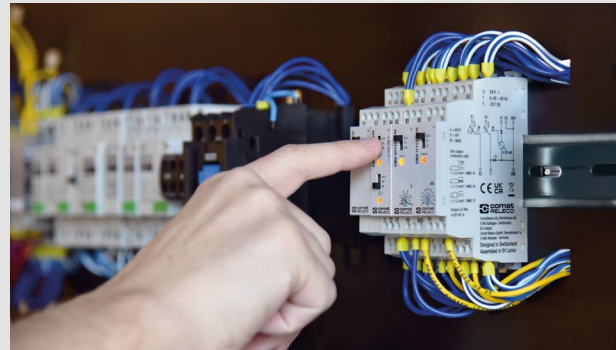
Compact modules for safer manual intervention

- Safe switching between manual and automatic operation
- Clear operating mode indication
- Feedback contact for reliable status monitoring
- Functional testing without an active controller
- Compact 17.5 mm housing
- Simple wiring and intuitive operation
- Designed for easy DIN rail integration
- Setpoint-dependent LED indication for analog versions

In modern building automation and industrial systems, the ability to reliably operate individual functional groups manually is becoming increasingly important.

Both during commissioning and in the event of a service call, it must be possible to check components such as valves, pumps, ventilation units or heating coils quickly and without active control. Manually operable interface modules provide crucial support here, as they enable specific system components to be switched on or off, or analogue control variables to be set manually.

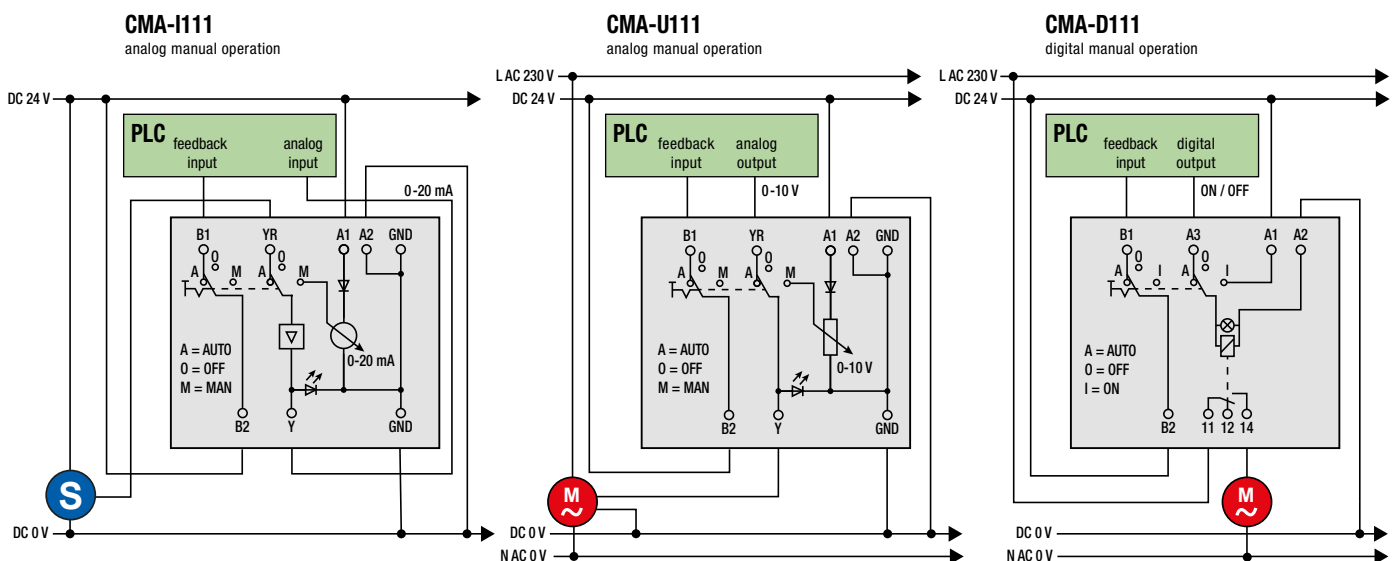
These functions not only facilitate troubleshooting and system calibration, but also ensure system operation if a control system is temporarily unavailable.



ComatReleco offers a range of high-performance digital and analogue interface modules specifically developed for this application. They allow for safe switching between automatic and manual operation and, via a feedback contact, provide the master controller with information on the current operating mode at all times – an essential prerequisite for transparent and trouble-free operation.



Application examples



S (Sensor): Temperature sensors, level sensors, pressure sensors, flow meters, displacement sensors, strain gauges, etc.

M (Motor): Control valves, regulating valves, damper actuators, frequency converters, servo drives, dimming actuators, metering pumps, etc.

CMA-D111/UC24V



CMA-D211/UC24V

**Main circuit****Available contact materials**AgSnO₂**Outputs**

1 CO

2 CO

Recommended minimum contact load

100 mA / 6 V DC

Maximum contact load AC

12 A / 250 V AC-1

Maximum contact load DC

12 A / 30 V DC-1

Control circuit**Inputs**

1 digital

2 digitals

Nominal voltage

24 V AC / DC

Standards

EN 61810-1

General data**Operation temperature**

-25 ... +55 °C

Operation position

Any

CMA-U111/UC24V



CMA-I111/UC24V

**Power supply****Nominal Voltage**

24 V AC / DC

Inputs**Number of analogue inputs**

1

1

Nominal range analogue input

0 ... 10 V

0 ... 20 mA

Outputs**Number of analogue outputs**

1

1

Nominal range analogue input

0 ... 10 V

0 ... 20 mA

General data**Operation temperature**

-25 ... +65 °C

Operation position

Any

AccessoriesPotential bridge bar
two-fold

V10-G (BAG 5 PCS)

Potential bridge bar
four-fold

V44-G (BAG 5 PCS)

Potential bridge bar
eight-fold

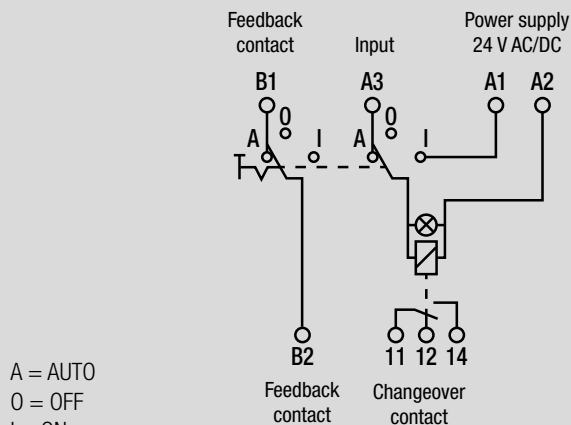
V84-G (BAG 5 PCS)

**Benefits of the CMA Coupling Modules**

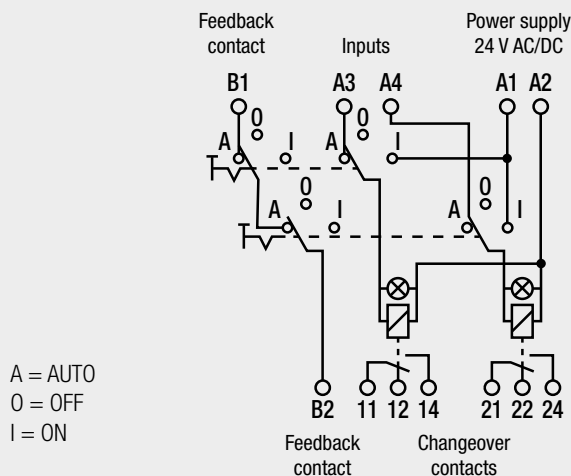
- Greater operational reliability
- Faster commissioning and troubleshooting
- Reliable emergency operation in the event of a control system failure

Wiring diagram

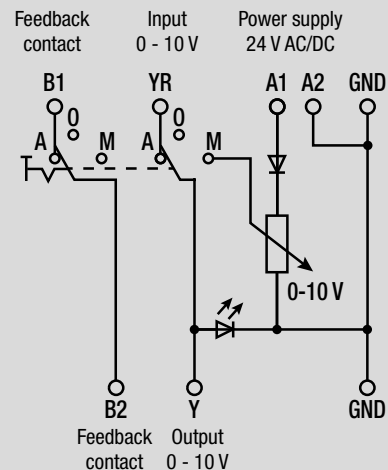
CMA-D111/UC24V



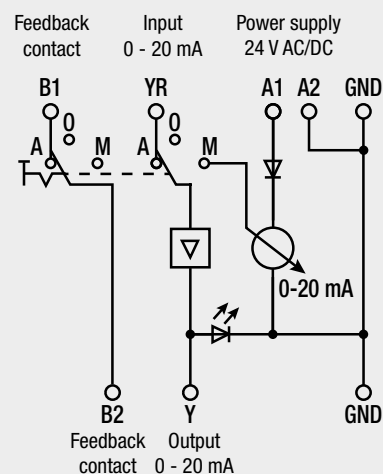
CMA-D211/UC24V



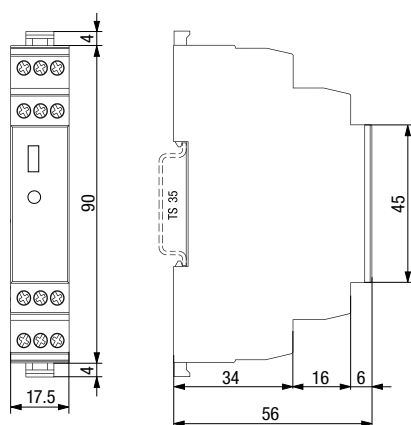
CMA-U111/UC24V



CMA-I111/UC24V



Dimensions



Product key

CMA - D 1 1 1 / UC24V

Product family

CMA = ComatReleco Manual
Automatic
Interface Module

Type

D = Digital
U = Analogue 0 ... 10 V
I = Analogue 0 ... 20 mA

Inputs / Outputs

1 = One
2 = Two

Control voltage

UC = AC/DC

Output contact material

1 = AgSnO₂ (only D)

Connection type

1 = Screw terminal

Approvals CE UK CA