

AF-20MR-D2-CAP/DC24V

12 digital / analog inputs DC | 8 NO relay outputs



Power supply

Nominal voltage	12 ... 24 V DC
Operating voltage range	10 ... 28 V DC
Power consumption DC	< 5 W

Inputs

Number of digital or analog inputs	12
Nominal voltage digital inputs	10 ... 24 V DC
Delay time	50 ms

Outputs

Digital output	25 000 switch cycles
Output type	Relay
Number of relay outputs	8
Type of terminal	NO
Rated voltage	250 V AC
Rated current	10 A

Memory

Storage capacity	Program 64 k / 127 function block
Programming language	Function block diagram (FBD)
Resistor load / Lamp load	10 Hz
Induced load	2 Hz

Communication

Interface	support 2 channel with RS485 and 1 channel with program interfaces
Baud rate	9 600 bps / 19 200 bps
Protocol	Self-defined protocol / MODBUS RTU protocol (only read)

General data

Storage temperature (no ice)	-40 ... 70 °C
Operation temperature	-20 ... 70 °C
Dimensions	see fig. 2
Weight	340 g
Mounting	DIN rail or Wall (M3)
Ingress Protection	IP 20
Housing material	ABS
Relative humidity, no condensation	5 ... 95 %

Wiring

Contact type control / main circuit	Screw connection
Conductor cross section control / main circuit	1 x 2.5 mm ² 2 x 1.5 mm ²
Nominal screw torque control / main circuit	0.5 Nm / 0.5 Nm
Screwdriver control / main circuit	Screwdriver with a spade tip of 3 mm
Max. wire count control / main circuit	2

Product references

Description	Type	24
12 digital inputs 8 relay outputs	AF-20MR-D2-CAP/DC24V	✓
Other devices on request. Please contact support@comatreleco.com .		
The Quick II software is available free of charge on www.comatreleco.com at downloads.		

Accessories

Display - pluggable	AF-HMI
Front cover	AF-CAP
Programming cable	AF-DUSB2

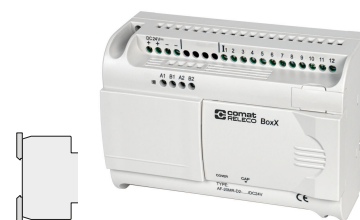


fig. 1. Wiring diagram

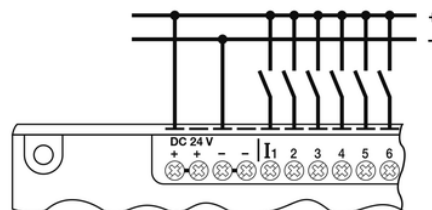
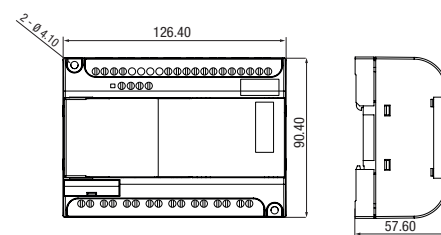


fig. 2. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 55032; IEC/EN 55035;
IEC/EN 61000-3-2; IEC/EN
61000-3-3

Approvals