

Product datasheet

Specifications



Base Built - in Display M168 - 23 IO - BMS connectivity

TM168D23AHU101C

ⓘ Discontinued

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

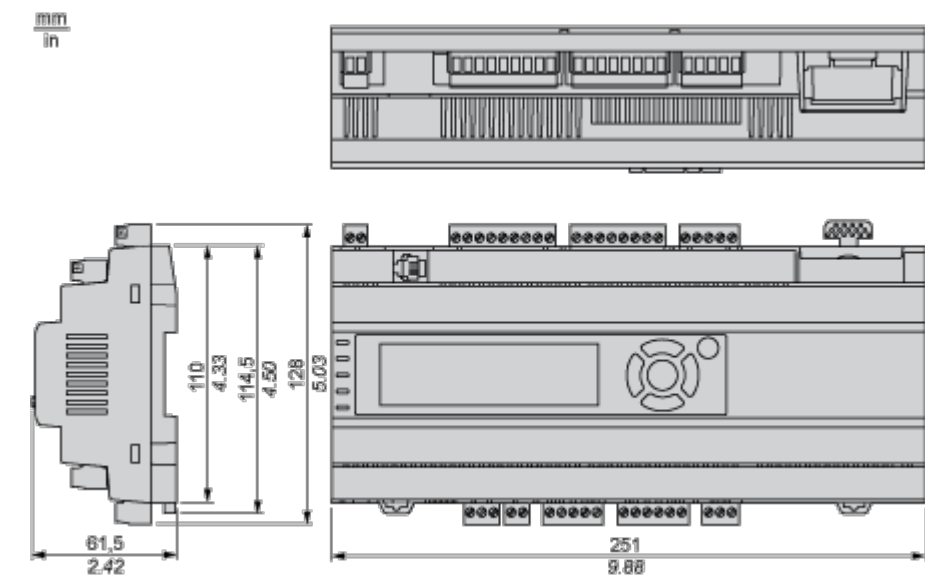
Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

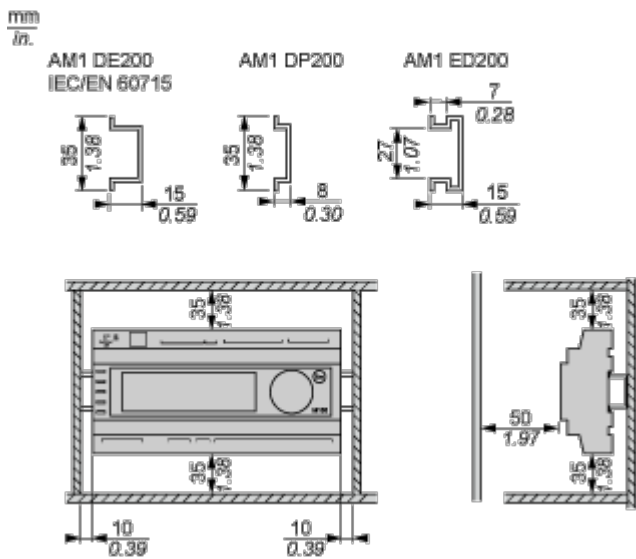
Controller with Communication Slot

Dimensions



Mounting and Clearance

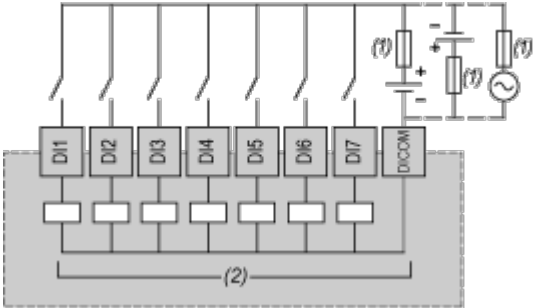
Mounting and Clearance



Connections and Schema

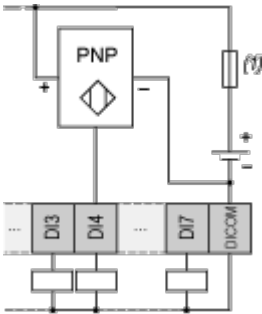
Digital Inputs

Sink/Source Inputs, External Power



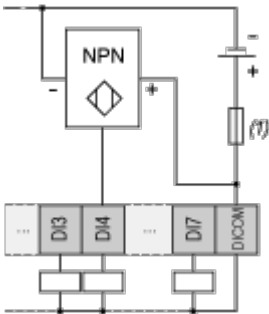
- (1) 0.5 A fast-blow fuse
- (2) Digital inputs

Connection Example for 3-wire PNP Active Switch



- (1) 0.5 A fast-blow fuse

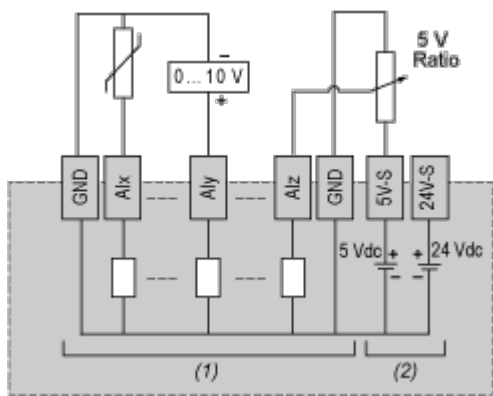
Connection Example for 3-wire NPN Active Switch



- (1) 0.5 A fast-blow fuse

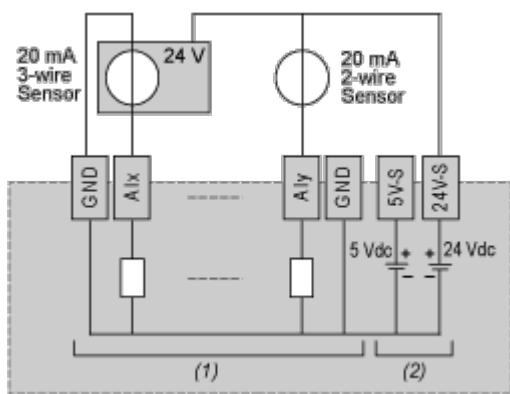
Analog Inputs

Voltage Mode



- (1) Analog inputs
- (2) To sensor

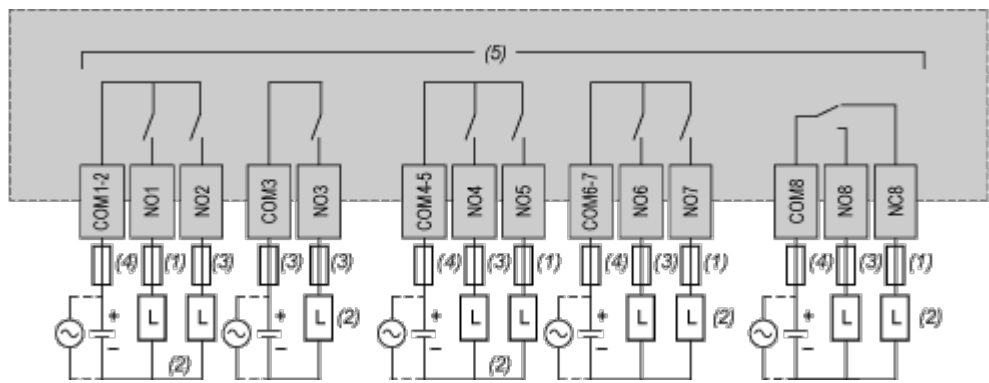
Current Mode



- (1) Analog inputs
- (2) To sensor

Digital Outputs

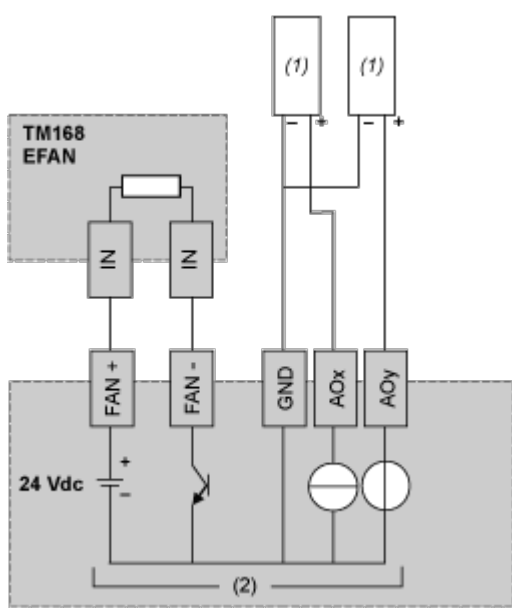
Wiring Diagram



- (1) 5 A Max fuse
- (2) Protection for inductive load
- (3) 8 A Max fuse
- (4) 10 A Max fuse
- (5) Relay outputs

Analog Outputs

Wiring Diagram



- (1) Voltage/current actuator
- (2) Controller or expansion module analog outputs

Wiring Requirements

Cable Types and Wire Sizes

				
mm ²	0,08...2,5	0,25...2,5	0,25...1,5	2 x 0,25...2 x 0,75
AWG	28...14	24...14	24...16	2 x 24...2 x 18

Use copper conductors only. Use shielded cables for Modbus.