

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

Range of product	Modicon M238 logic controller
Product or component type	Discrete input module
Discrete input number	8
Discrete input voltage	120 V
Discrete input voltage type	AC

## Complementary

Range compatibility	Twido Advantys OTB
Input voltage limits	85...132 V
Discrete input current	7.5 mA
Input impedance	11 kOhm
Number of common point	1
Response time	25 ms at state 1 30 ms at state 0
Isolation between channels	None
Isolation between channels and internal logic	1500 V for 1 minute
Current consumption	55 mA 5 V DC at state 1
Local signalling	1 display block
Electrical connection	1 removable screw terminal block
Mounting support	35 mm symmetrical DIN rail
Product weight	0.19 lb(US) (0.085 kg)


## Environment

Depth	2.76 in (70 mm)
Height	3.54 in (90 mm)
Width	0.93 in (23.5 mm)

## Ordering and shipping details

Category	22531 - PLCS, TWIDO, TWD
Discount Schedule	PC12
GTIN	00785901872016
Nbr. of units in pkg.	1
Package weight(Lbs)	0.3599999999999999
Returnability	N
Country of origin	FR

## Offer Sustainability

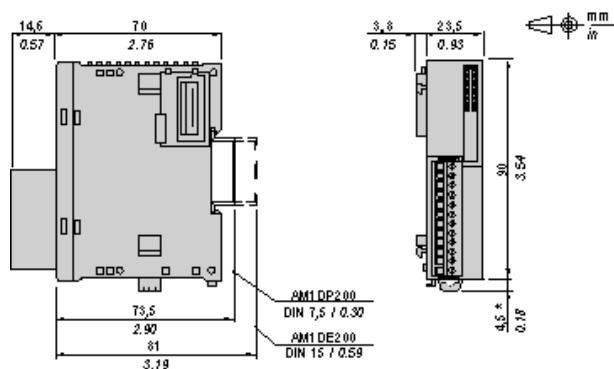
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1039 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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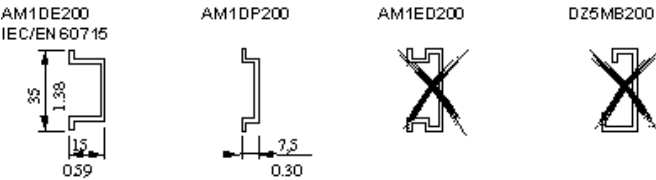
Digital Input Module (8-channel, 120 Vac)

Dimensions



NOTE: \* 8.5 mm (0.33 in) when the clamp is pulled out.

DIN Rail Mounting



Rail depth	Catalogue part number
15 mm (0.59 in.)	AM1DE200
7,5 mm (0.30 in.)	AM1DP200

NOTE: Do not use AM1ED200 and DZ5MB200









Module Mounting on a Panel Surface

Mounting Hole Layout



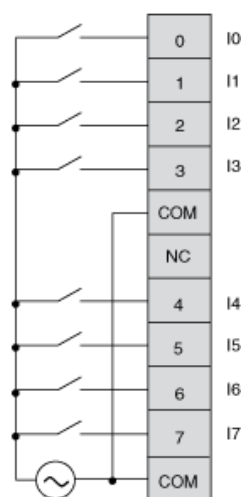
## Wiring Requirements

### Cable Types and Wire Sizes for Removable Screw Terminal Block

							
mm <sup>2</sup>	0,14...1,5	0,25...0,5	0,25...1,5	0,14...0,5	0,14...0,75	0,25...0,34	0,5
AWG	26...16	24...20	24...16	26...20	26...18	24...22	20

## Digital Input Module (8-channel, 120 Vac)

### Wiring Diagram



The two COM terminals are not connected together internally.

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