

TM2DDI32DK

discrete input module M238 - 32 inputs 24 V DC -
1 connector HE10



Product availability: Stock - Normally stocked in distribution facility

Price*: 473.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon M238 logic controller
Product or component type	Discrete input module
Discrete input number	32
Discrete input voltage	24 V
Discrete input voltage type	DC

Complementary

Range compatibility	Advantys OTB Twido
Input voltage limits	20.4...28.8 V
Discrete input logic	Sink or source
Discrete input current	5 mA
Input impedance	4.4 kOhm
Number of common point	2
Response time	4 ms at state 1 4 ms at state 0
Isolation between channels	None
Isolation between channels and internal logic	500 V for 1 minute
Current consumption	65 mA 5 V DC at state 1 for all input
Local signalling	2 display blocks
Electrical connection	1 connector HE10
Mounting support	35 mm symmetrical DIN rail
Product weight	0.18 lb(US) (0.081 kg)

Environment

Depth	3.2 in (81.3 mm)
Height	3.54 in (90 mm)
Width	1.17 in (29.7 mm)

Ordering and shipping details

Category	22531 - PLCS, TWIDO, TWD
Discount Schedule	PC12
GTIN	00785901676270
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	JP

Offer Sustainability

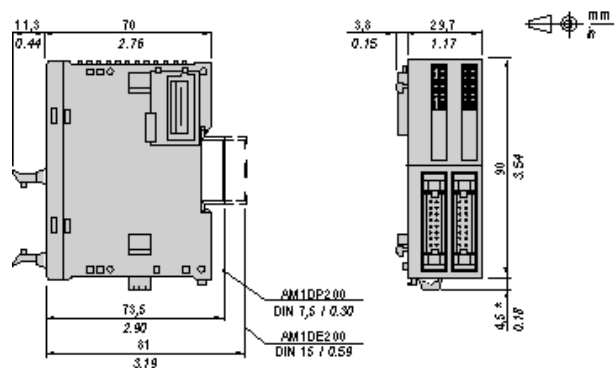
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1039 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available Download Product Environmental Profile
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

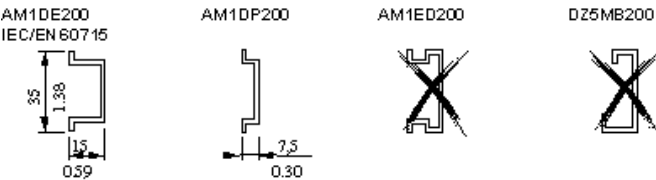
Warranty period	18 months
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Digital Input Module (32-channel, 24 Vdc)

Dimensions



DIN Rail Mounting

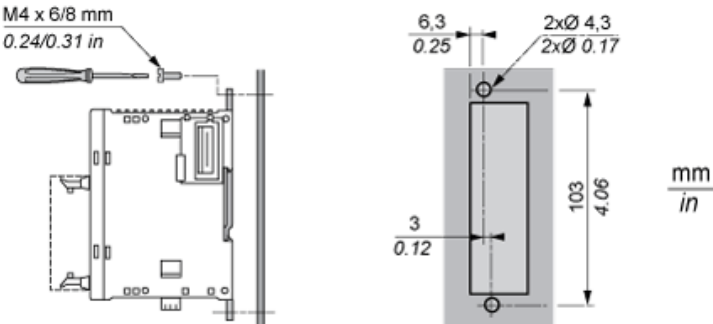


Rail depth	Catalogue part number
15 mm (0.59 in.)	AM1DE200
7,5 mm (0.30 in.)	AM1DP200

NOTE: Do not use AM1ED200 and DZ5MB200

Module Mounting on a Panel Surface

Mounting Hole Layout



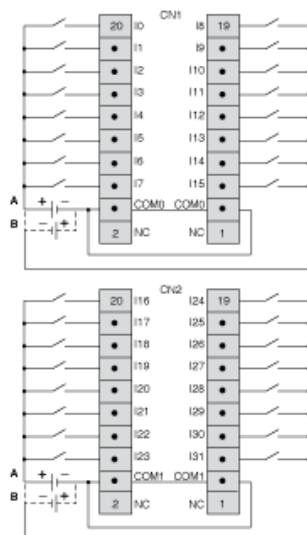
Wiring Requirements

Cable Types and Wire Sizes for Removable Screw Terminal Block

mm ²	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

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Wiring Diagram



- A Sink wiring (positive logic)
B Source wiring (negative logic)