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



discrete input module, Modicon TM3, 8 inputs, spring, 24V DC

TM3DI8G

Main

Range of product	Modicon TM3	
Product or component type	Discrete input module	
Range compatibility	Modicon M241	
	Modicon M251 Modicon M221	
	Modicon M262	

Complementary

Maximum cable distance between devices	Unshielded cable: <30 m for regular input	
Local signalling	1 LED per channel (green) for input status	
Mounting support	Top hat type TH35-15 rail conforming to IEC 60715 Top hat type TH35-7.5 rail conforming to IEC 60715 plate or panel with fixing kit	
Height	90 mm	
Width	27.4 mm	
Depth	84.6 mm	
Product weight	0.085 kg	

Environment

Marking	CE
Pollution degree	2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	10.800 cm
Package 1 Length	13.000 cm
Package 1 Weight	195.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	9
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm

Package 2 Weight

2.175 kg



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 >

☑ Environmental footprint	
Total lifecycle Carbon footprint	18
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
PVC free	Yes

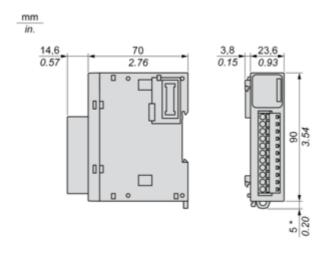
Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

TM3DI8G

Dimensions Drawings

Dimensions



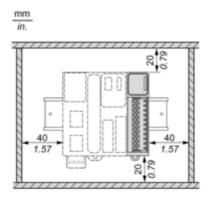
(*) 8.5 mm/0.33 in. when the clamp is pulled out.

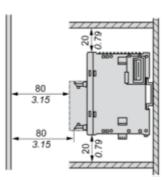
Product data sheet

TM3DI8G

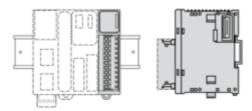
Mounting and Clearance

Spacing Requirements

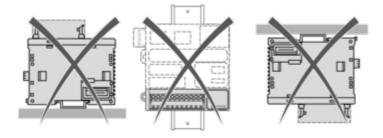




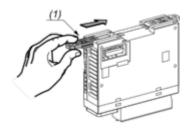
Mounting on a Rail



Incorrect Mounting

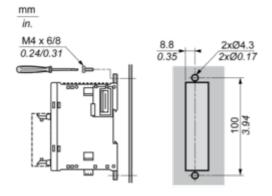


Mounting on a Panel Surface



(1) Install a mounting strip

Mounting Hole Layout

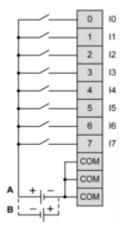


TM3DI8G

Connections and Schema

Digital Input Module (8-channel, 24 Vdc)

Wiring Diagram



The 3 COM terminals are connected internally.

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