Product data sheet

Specifications

discrete output module, Modicon TM3, 32 outputs transistor NPN, HE10

TM3DQ32UK

Main

Range of product	Modicon TM3
Product or component type	Discrete output module
Range compatibility	Modicon M241 Modicon M251 Modicon M221 Modicon M262
Discrete output logic	Negative logic (sink)

Complementary

Maximum cable distance between devices	Unshielded cable: <5 m for transistor output
Local signalling	1 LED per channel (green) for output 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	33.5 mm
Depth	81.3 mm
Net weight	0.112 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	7.594 cm
Package 1 Width	10.647 cm
Package 1 Length	12.775 cm
Package 1 Weight	220.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	9
Package 2 Height	15.5 cm
Package 2 Width	29.7 cm

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Package 2 Length	40.2 cm
Package 2 Weight	2.411 kg
Unit Type of Package 3	P12
Number of Units in Package 3	288
Package 3 Height	75 cm
Package 3 Width	120 cm
Package 3 Length	80 cm
Package 3 Weight	85 kg

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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 ›

Environmental footprint

Total lifecycle Carbon footprint	**56**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

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

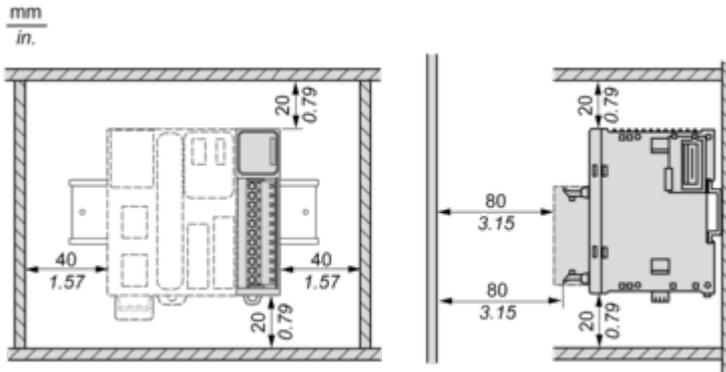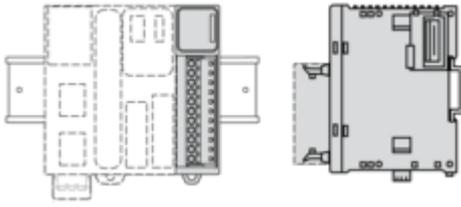|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Dimensions Drawings

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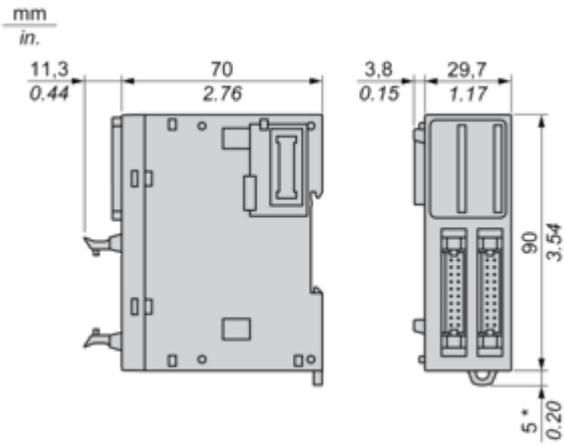
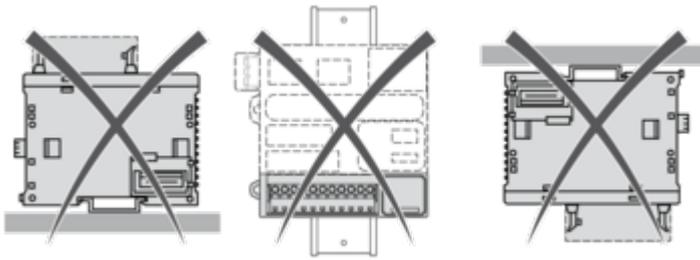**(*)** 8.5 mm/0.33 in. when the clamp is pulled out.

Mounting and Clearance

Spacing Requirements

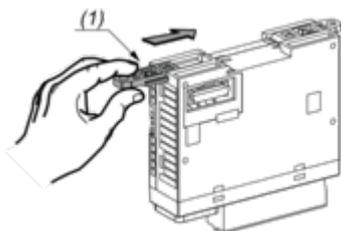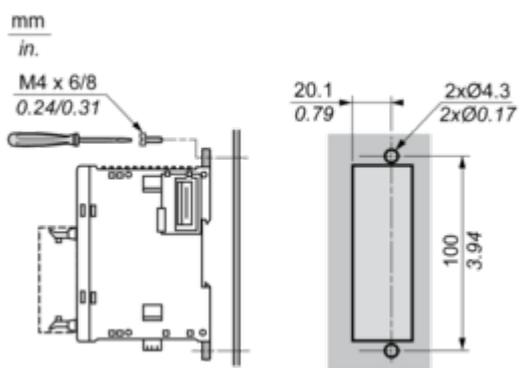## Mounting on a Rail

Incorrect Mounting

Mounting on a Panel Surface

(1) Install a mounting strip

Mounting Hole Layout

Connections and Schema

Digital Transistor Output Module (32-channel, Sink)

Wiring Diagram

0.1 A*		20	Q0	Q8	19		0.1 A*
		18	Q1	Q9	17		
		16	Q2	Q10	15		
		14	Q3	Q11	13		
		12	Q4	Q12	11		
		10	Q5	Q13	9		
		8	Q6	Q14	7		
		6	Q7	Q15	5		
2 A**		4	V0– (1)	V0–	3		
+ –		2	V0+ (1)	V0+	1		

0.1 A*		20	Q16	Q24	19		0.1 A*
		18	Q17	Q25	17		
		16	Q18	Q26	15		
		14	Q19	Q27	13		
		12	Q20	Q28	11		
		10	Q21	Q29	9		
		8	Q22	Q30	7		
		6	Q23	Q31	5		
2 A**		4	V1– (1)	V1–	3		
+ –		2	V1+ (1)	V1+	1		
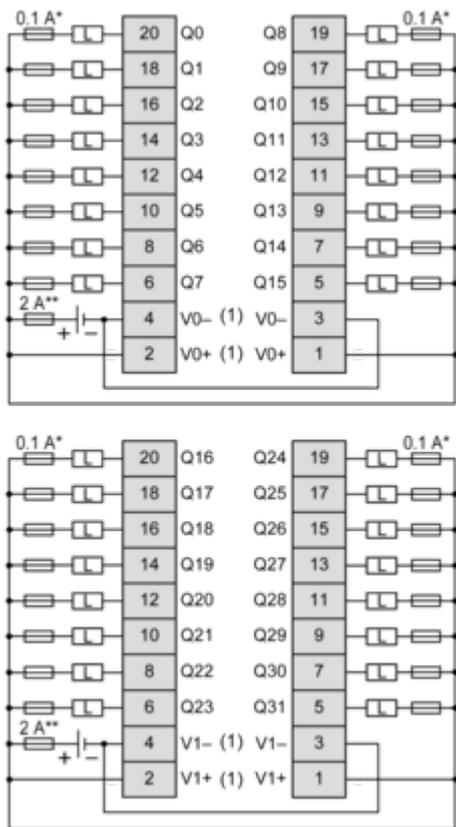
(*) Type T Fuse
(**) Type F Fuse
(1) The V0+ terminals are connected internally.
 The V0- terminals are connected internally.
 The V1+ terminals are connected internally.
 The V1- terminals are connected internally.
 The V0+ and V1+ terminals are not connected internally.
 The V0- and V1- terminals are not connected internally.