Product data sheet

Specifications

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

TM3DQ32TK

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	Positive logic (source)

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
Product 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	7.525 cm
Package 1 Width	10.661 cm
Package 1 Length	12.89 cm
Package 1 Weight	220.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	42
Package 2 Height	29.6 cm
Package 2 Width	39.6 cm

Package 2 Length	56.4 cm
Package 2 Weight	10.32 kg
Unit Type of Package 3	P12
Number of Units in Package 3	504
Package 3 Height	75 cm
Package 3 Width	120 cm
Package 3 Length	80 cm
Package 3 Weight	138.4 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	**50**
Environmental Disclosure	**Product Environmental Profile**

Use Better
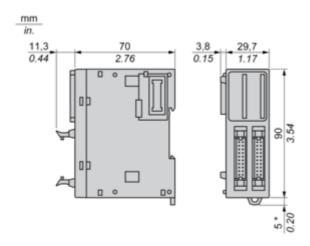
⬢ Materials and Substances

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)**
SCIP Number	**7cc01735-94b8-432b-9a81-f9da4dd7709d**
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

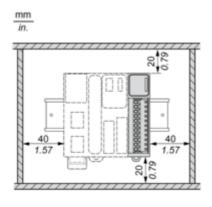|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Dimensions Drawings

Dimensions

mm
in.

11,3 / 0.44   70 / 2.76   3,8 / 0.15   29,7 / 1.17   90 / 3.54   5 * / 0.20

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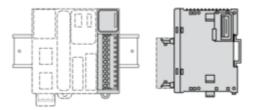
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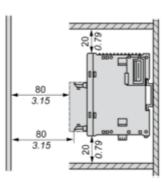
Mounting and Clearance

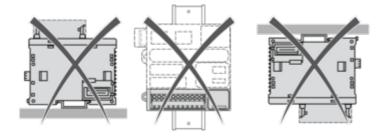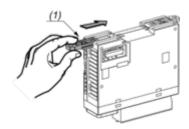**Spacing Requirements**

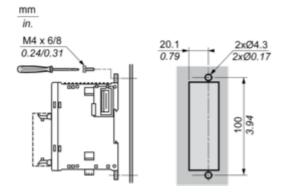## Mounting on a Rail

Incorrect Mounting

Mounting on a Panel Surface

(1) Install a mounting strip

Mounting Hole Layout
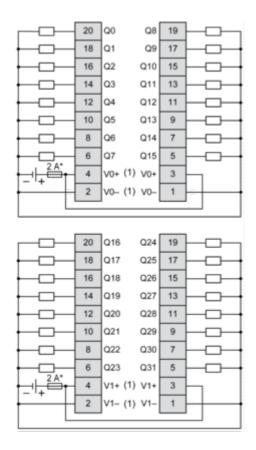
Connections and Schema

Digital Transistor Output Module (32-channel, Source)

Wiring Diagram

20	Q0	Q8	19
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

20	Q16	Q24	19
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
(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.