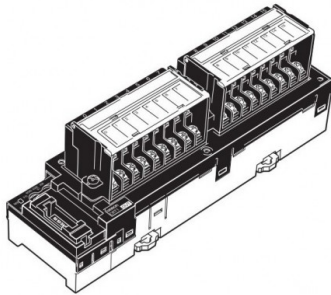


**INDUSTRIAL COMPONENT DATA**

# CRT1-MD16TAH CRT13100D CRT1MD16TAH OMRON Unit Componet 8/8 I/O NPN-Protection 3-terminal

Brand: OMRON | Manufacturer Part Number: CRT1-MD16TAH



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | OMRON                                             |
| MPN / Reference | CRT1-MD16TAH                                      |
| Catalog number  | CRT1MD16TAH                                       |
| Category        | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-9125FAA758                                     |
| Generated       | 2026-08-03                                        |

## Product Overview

Unit Componet 8/8 I/O NPN-Protection 3-terminal

CompoNet I/O unit, High Functionality, 8 x 24 VDC inputs NPN & 8 x transistor outputs NPN 0.5 A, 3-tier screw terminals

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                     |
|--------------|-------------------------------------|
| Catalog path | OMRON > Remote I/O > CRT (Componet) |
|--------------|-------------------------------------|

## Additional Product Information

Compact size IP20 housing

Expandable digital I/Os with detachable terminal blocks

Easy network wiring with IDC connections

Built-in diagnostics and preventive maintenance functions

Analogue I/O with data pre-processing and alarm functions

ETIM for 248793 PLC's (EC001599)

Feature Name

Feature Value

Type of output voltage (EF008222)

DC

Degree of protection (IP) (EF005474)

IP20

Performance level according to EN ISO 13849-1 (EF007399)

Level a

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of voltage (input voltage) (EF003033)

DC

Type of digital output (EF003601)

Transistor

Type of electric connection (EF003961)

Screw connection

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

No

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for SERCOS (EF006657)

No

IO link master (EF007298)

No

Rack-assembly possible (EF007018)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for EtherNet/IP (EF007521)

No

Radio standard GSM (EF008524)

No

Supporting protocol for INTERBUS (EF003054)

No

Supporting protocol for Data-Highway (EF003058)

No

Short-circuit protection, outputs available (EF003203)

Yes

Supporting protocol for PROFINET IO (EF007525)

No

Supp...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CRT1-MD16TAH with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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