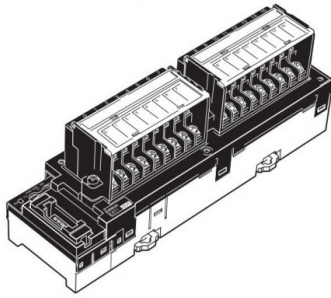


**INDUSTRIAL COMPONENT DATA**

# CRT1-ID16TAH CRT13096B CRT1ID16TAH OMRON Unit

## Componet 16 Inputs NPN Protection 3-terminal

Brand: OMRON | Manufacturer Part Number: CRT1-ID16TAH



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | OMRON                                             |
| MPN / Reference | CRT1-ID16TAH                                      |
| Catalog number  | CRT1ID16TAH                                       |
| Category        | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-93CCA47C82                                     |
| Generated       | 2026-08-03                                        |

### Product Overview

Unit Componet 16 Inputs NPN Protection 3-terminal  
Unit Componet 16 NPN Inputs 3-terminal protection  
CompoNet input unit, High Functionality, 16 x 24 VDC inputs, NPN, 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 248789 PLC's (EC001599)  
Feature Name  
Feature Value  
Explosion safety category for dust (EF003998)  
None  
Type of voltage (input voltage) (EF003033)  
DC  
Degree of protection (IP) (EF005474)

IP20

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

Level a

Type of digital output (EF003601)

None

Type of electric connection (EF003961)

Screw connection

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Radio standard UMTS (EF008525)

No

Supporting protocol for PROFI-safe (EF007526)

No

System accessory (EF004118)

No

Certified for UL hazardous location class III (EF017627)

No

Supporting protocol for PROFIBUS (EF003052)

No

Radio standard GPRS (EF008523)

No

Supporting protocol for EtherCAT (EF017564)

No

Certified for UL hazardous location class II (EF017625)

No

Appendant operation agent (Ex ib) (EF004142)

No

Certified for UL hazardous location class I (EF017622)

No

Supporting protocol for DeviceNet Safety (EF007520)

No

Supporting protocol for TCP/IP (EF003050)

No

Wall mounting/direct mounting (EF007020)

No

Supporting protocol for other bus systems (EF003062)

Yes

Front built-in possible (EF007016)

No

Supporting protocol for Foundation Fieldbus (EF007522)

No

S...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CRT1-ID16TAH 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.