

## INDUSTRIAL COMPONENT DATA

# E5EC-CX4DBM-000 E5EC1235M E5ECCX4DBM000 OMRON

## Temp. controller, PRO, 1/8 DIN (96x48 mm), 1x0/4-20ma curr. OU..

Brand: OMRON | Manufacturer Part Number: E5EC-CX4DBM-000



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | OMRON                        |
| MPN / Reference | E5EC-CX4DBM-000              |
| Catalog number  | E5ECCX4DBM000                |
| Category        | Temperature monitoring relay |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-B4490B44A8                |
| Generated       | 2026-08-05                   |

## Product Overview

Temp. controller, PRO, 1/8 DIN (96x48 mm), 1x0/4-20ma curr. OUT, 4 AUX, 24 VAC/DC

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path OMRON > Temperature and Processes > E5\_C

## Additional Product Information

Fast and precise regulation: 50 ms sampling loop period time

Easy to set up, and operate intuitively via CX-Thermo without power supply

Best contrast display using white LCD technology which is visible from a far distance and from any angle

Useful alarm and diagnosis functions for secure operation

Practical timer and logic operation functions eliminating the need of a PLC

Additional models with different features are available. Please check related product catalogue.

ETIM for 679856 Relays (EC001446)

Feature Name

Feature Value

Voltage type (operating voltage) (EF005294)

AC/DC

Type of electric connection (EF003961)

Spring clamp connection

Voltage type (supply voltage) (EF002991)  
AC/DC  
Error registration possible (EF003423)  
No  
External reset possible (EF003426)  
No  
With detachable clamps (EF003340)  
No  
Number of contacts as change-over contact (EF008257)  
0  
Number of contacts as normally open contact (EF008256)  
4  
Width (EF000008)  
48 mm  
Number of contacts as normally closed contact (EF008255)  
0  
Number of measuring circuits (EF003425)  
1  
Height (EF000040)  
96 mm  
Depth (EF000049)  
67.4 mm  
Supply voltage AC 50 Hz (EF007532)  
21.6 V  
Temperature measuring range (EF009788)  
-200 °C  
Supply voltage AC 60 Hz (EF007533)  
21.6 V  
Supply voltage DC (EF007534)  
21.6 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E5EC-CX4DBM-000 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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