

## INDUSTRIAL COMPONENT DATA

# E5CC-RX3A5M-003 E5CC3504C 689408 OMRON Temperature Controller, 1/16 DIN (48 x 48 mm), 1 x Relay Output, 3 AU..

Brand: OMRON | Manufacturer Part Number: E5CC-RX3A5M-003



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | OMRON                        |
| MPN / Reference | E5CC-RX3A5M-003              |
| Catalog number  | E5CCR3A5M003OMI              |
| Category        | Temperature monitoring relay |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-47603A6C29                |
| Generated       | 2026-08-04                   |

## Product Overview

Temperature controller, 1/16 DIN (48x48 mm), 1 Relay output, 3 AUX, RS-485, SSR failure detection/3-phase, 100-240 VAC

## 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

## Specifications

Size 1/16 DIN (48 x 48 mm)

Functions HB/HS alarm for 3-phase heaters, ON/OFF control, PID control

Number of control loops 1

Temperature input type B, C (WRe5-26), E, J, JPt100, K, L, N, P (PLI), Pt100, R, S, T, U

Linear analog input type 0 to 10 V, 0 to 20 mA, 0 to 5 V, 1 to 5 V, 4 to 20 mA

Temperature range -200-2300 °C

Number of event inputs 0

Number of alarm outputs 3

Supply voltage AC 100-240 V

Control output Relay

Communication port(s) Serial RS-485

Terminal Screw

ETIM for 689408 Relays (EC001446)

Feature Name

Feature Value

Voltage type (operating voltage) (EF005294)

AC

Type of electric connection (EF003961)

Screw connection

Voltage type (supply voltage) (EF002991)

AC

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)

3

Width (EF000008)

48 mm

Number of contacts as normally closed contact (EF008255)

0

Number of measuring circuits (EF003425)

1

Height (EF000040)

48 mm

Depth (EF000049)

73 mm

Supply voltage AC 50 Hz (EF007532)

100 V

Temperature measuring range (EF009788)

-200 °C

Supply voltage AC 60 Hz (EF007533)

100 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E5CC-RX3A5M-003 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

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