

INDUSTRIAL COMPONENT DATA

E5C2-R40K 100-240VAC 0-300 E5C26014M E5C2R40KAC1002400300 OMRON Proportional Thermocouple K 0-300 ° C 48x48

Brand: OMRON | Manufacturer Part Number: E5C2-R40K 100-240VAC 0-300



Manufacturer	OMRON
MPN / Reference	E5C2-R40K 100-240VAC 0-300
Catalog number	E5C2R40KAC1002400300
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-0170682D8D
Generated	2026-08-01

Product Overview

Proportional Thermocouple K 0-300 ° C 48x48

Temp. controller, LITE, 1/16 DIN, 48x48mm,Dial knob,P-Control,K-Thermocouple,0-300deg.,100-240V AC

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 > E5C2

Additional Product Information

FeaturesEasy-to-use, basic temperature controller with analogue dial setting

Omron's basic ON/OFF or PD controller features an analogue setting dial. This compact, low-cost controller has a setting accuracy of 2% of full scale. It incorporates a plug-in socket allowing for DIN-rail or flush mounting.

Compact, cost-effective controller

Control mode: ON/OFF or P

Control output: relay

Power supply: 100-120 / 200-240VAC

Thermocouple K: 0 to 1200°C, L: 0 to 400°C, Pt100: -50 to 200°C

Applications

ON/OFF control

Hot water supply provided by a boiler can be simply controlled with an E5C2. The water temperature is set by the big and easy to operate dial on the front of the controller.

Ordering information

Standard models (Power supply: 100 to 240 VAC)

Input

Control method

On/OFF

Proportional (P)

Output/Indication method

Relay/No indication

Input/ standard scale (°C)

Thermocouple

K (CA) Chromel vs. Alumel

0 to 200 °C

E5C2-R20K AC100-240 0-200

E5C2-R40K AC100-240 0-200

0 to 300 °C

-

E5C2-R40K AC100-240 0-300

0 to 400 °C

E5C2-R20K AC100-240 0-400

E5C2-R40K AC100-240 0-400

0 to 600 °C

E5C2-R20K AC100-240 0-600

E5C2-R40K AC100-240 0-600

0 to 800 °C

E5C2-R20K AC100-240 0-800

E5C2-R40K AC100-240 0-800

0 to 1000 °C

E5C2-R20K AC100-240 0-1000

-

0 to 1200 °C

E5C2-R20K AC100-240 0-1200

-

J (IC) Iron versus Constantan

0 to 200 °C

E5C2-R20J AC100-240 0-200

-

0 to 300 °C

E5C2-R20J AC100-240 0-300

-

0 to 400 °C

E5C2-R20J AC100-240 0-400

-

Resistance thermometer

Platinum resistance thermometer

-50....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E5C2-R40K 100-240VAC 0-300 with the required quantity to info@electricaonline.com or use 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.