

INDUSTRIAL COMPONENT DATA

E54-CT1 E54 9002H E54CT1 OMRON Current transformer 50A

Brand: OMRON | Manufacturer Part Number: E54-CT1



Manufacturer	OMRON
MPN / Reference	E54-CT1
Catalog number	E54CT1
Category	Current transformer
Minimum order	1 Pcs
Document ID	EO-914ED69A72
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Product Overview

Current transformer 50A
Current transformer for heater burnout detection (5.8mm dia)

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 > Accessories

Additional Product Information

FeaturesMulti-channel power controller for smarter SSR usage
The G3ZA receives manipulated variables generated by control loops or manual settings via a simple-to-wire RS-485. It regulates the heater power with high precision by driving up to eight standard SSRs. Moreover, the offset control reduces peak power in the supply net.
Multi-channel power controller
Controls up to eight standard solid state relays
Easy integration with PLC
Compact size
Available with heater alarms (four channels) or without (eight channels)
Ordering information
Name
Number of control channels
Heater alarm
Load power supply voltage
Order code

Multi-channel power controller

4

Supported

100 to 240 VAC

G3ZA-4H203-FLK-UTU

400 to 480 VAC

G3ZA-4H403-FLK-UTU

8

Not supported

100 to 240 VAC

G3ZA-8A203-FLK-UTU

400 to 480 VAC

G3ZA-8A403-FLK-UTU

Accessories

Name

Hole diameter

Order code

Current transformer (CT)

5.8 dia.

E54-CT1

12.0 dia.

E54-CT3

Specifications

Item

Load power supply voltage range

100 to 240 VAC

400 to 480 VAC

Power supply voltage

100 to 240 VAC (50/60 Hz)

Operating voltage range

85 to 264 VAC

Power consumption

16 VA max.

Load power supply voltage

100 to 240 VAC

400 to 480 VAC

Load power supply voltage range

75 to 264 VAC

340 to 528 VAC

Manipulated variable input

0.0 to 100.0% (via RS-485 communications)

Current transformer input

Single-phase AC, 0 to 50 A (primary current of CT)

Trigger output

One voltage output for each channel, 12 VDC $\pm 15\%$, max. load current: 21 mA
(with built-in short-circui...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E54-CT1 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

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