

INDUSTRIAL COMPONENT DATA

K8DT-TH1CD K8DT0059R K8DTTH1CD OMRON Relay monitoring Temperature-0-999°C/F 24V AC/DC SPDT 17.5 mm Push-in+

Brand: OMRON | Manufacturer Part Number: K8DT-TH1CD



Manufacturer	OMRON
MPN / Reference	K8DT-TH1CD
Catalog number	K8DTTH1CD
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-CAC997741B
Generated	2026-08-06

Product Overview

Relay monitoring Temperature-0-999°C/F 24V AC/DC SPDT 17.5 mm Push-in+

Monitoring relay 17.5mm wide, over or under temperature, 0-999 °C/F Thermocouple and PT100 input types, 1 x SPDT, 24 V AC/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 > Monitoring Relays > K8DT
--------------	----------------------------------

Additional Product Information

FunctionsTemperatureInstallation typeDIN railTerminal typePush-inSize17.5 mmTemperature range0-999 °CTemperature input typeE, J, K, Pt100, Pt1000, TSupply voltage AC20.4-26.4 VSupply voltage DC20.4-26.4 VOutput typeRelayContact descriptionSPDTBody colorBlack

ETIM for 669467 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)

1

Number of contacts as normally open contact (EF008256)

0

Width (EF000008)

17.5 mm

Number of contacts as normally closed contact (EF008255)

0

Number of measuring circuits (EF003425)

1

Height (EF000040)

90 mm

Depth (EF000049)

90 mm

Supply voltage AC 50 Hz (EF007532)

24 V

Supply voltage AC 60 Hz (EF007533)

24 V

Supply voltage DC (EF007534)

20.4 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / K8DT-TH1CD 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.