

INDUSTRIAL COMPONENT DATA

LC-TH-51X51-VE AA051328C LCTH51X51VE OMRON Light control film for TH-51X51, vertical

Brand: OMRON | Manufacturer Part Number: LC-TH-51X51-VE



Manufacturer	OMRON
MPN / Reference	LC-TH-51X51-VE
Catalog number	LCTH51X51VE
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
Document ID	EO-B50A66407B
Generated	2026-08-04

Product Overview

Light control film for TH-51X51, vertical

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Vision Systems > Special

Additional Product Information

FeaturesTemperature monitoring relay

Ideal to prevent heater overheating. Self-latching output to contribute to safe equipment operation.

Set the temperature with ultra-simple rotary switches

Digitally set the temperature to between 0 and 999°C in 1°C increments (K8DT-TH1___), or between 0 and 1,800°C in 10°C increments (K8DT-TH2___)

Connect a thermocouple or platinum resistance thermometer

Width of 17.5 mm to reduce space required in panels

Push-in plus Technology that reduce wiring work

UL listed for easy shipping to North America

Double-insertion holes for crossover wiring (all terminals)

Models added with transistor outputs for superior contact reliability

Ordering information

Power supply voltage

Input types

Setting units (setting range)

Output types

Order code

24 VAC/DC

Thermocouple or platinum resistance thermometer

Setting unit: 1°C or 1°F

(0 to 999°C/°F)

Relay: SPDT contact output

K8DT-TH1CD

Transistor: Open collector

K8DT-TH1TD

100-240 VAC

Relay: SPDT contact output

K8DT-TH1CA

Transistor: Open collector

K8DT-TH1TA

24 VAC/DC

Thermocouple

Setting unit: 10°C/°F

Relay: SPDT contact output

K8DT-TH2CD

Transistor: Open collector

K8DT-TH2TD

100-240 VAC

Relay: SPDT contact output

K8DT-TH2CA

Transistor: Open collector

K8DT-TH2TA

Accessories

Front Cover (Order separately)

Appearance

Order code

Y92A-D1A

Specifications

Item

K8DT-TH1

K8DT-TH2

Power supply voltage

K8DT-TH__D: 24 VAC 50/60 Hz or 24 VDC

K8DT-TH__A: 100 to 240 VAC 50/60 Hz

Allowable voltage range

85% to 110% of power....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / LC-TH-51X51-VE 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.