

## INDUSTRIAL COMPONENT DATA

# K8DT-PM1TN K8DT0045R K8DTPM1TN OMRON Three-phase Voltage Max / Min+Sequence+Per phase 200-240AC transistor 1..

Brand: OMRON | Manufacturer Part Number: K8DT-PM1TN



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | OMRON                  |
| MPN / Reference | K8DT-PM1TN             |
| Catalog number  | K8DTPM1TN              |
| Category        | Phase monitoring relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-C9C7D857BE          |
| Generated       | 2026-08-02             |

## Product Overview

Three-phase Voltage Max / Min+Sequence+Per phase 200-240AC transistor 17.5 mm Push-in+ Monitoring relay 17.5mm wide, over/under voltage, phase sequence and loss, 3-phase 3-wire, 200 to 240 VAC, 1 x Transistor

## 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

FunctionsOver/under voltage, Phase loss, Phase sequenceInstallation typeDIN railTerminal typePush-inSize17.5 mmConnection method3-wireSupply voltage AC200-240 VOutput typeTransistorContact descriptionOpen collectorBody colorBlack

ETIM for 669481 Relays (EC001441)

Feature Name

Feature Value

Type of electric connection (EF003961)

Spring clamp connection

Voltage type (supply voltage) (EF002991)

AC

With detachable clamps (EF003340)

No  
Phase imbalance monitoring (EF003416)  
No  
Phase sequence monitoring (EF003412)  
No  
Function under voltage detection (EF003414)  
Yes  
Function over voltage detection (EF003415)  
Yes  
Phase failure detection (EF003413)  
Yes  
Number of contacts as change-over contact (EF008257)  
0  
Number of contacts as normally open contact (EF008256)  
1  
Min. adjustable delay-on energization time (EF008190)  
0.1 s  
Max. permitted delay-on energization time (EF008189)  
30 s  
Width (EF000008)  
17.5 mm  
Number of contacts as normally closed contact (EF008255)  
0  
Height (EF000040)  
90 mm  
Max. permitted off-delay time (EF008191)  
0.25 s  
Depth (EF000049)  
90 mm  
Supply voltage AC 50 Hz (EF007532)  
380 V  
Supply voltage AC 60 Hz (EF007533)  
380 V  
Voltage measuring range (EF002486)  
200 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / K8DT-PM1TN 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

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