

INDUSTRIAL COMPONENT DATA

K8AK-PM1 K8AK0024M K8AKPM1 OMRON Three-phase Voltage Max / Min+Sequence+Per phase 200-240AC 2 SPDT

Brand: OMRON | Manufacturer Part Number: K8AK-PM1



Manufacturer	OMRON
MPN / Reference	K8AK-PM1
Catalog number	K8AKPM1
Category	Phase monitoring relay
Minimum order	1 Pcs
Document ID	EO-67C857F67C
Generated	2026-07-27

Product Overview

Three-phase Voltage Max / Min+Sequence+Per phase 200-240AC 2 SPDT

Monitoring relay 22.5mm wide, sim. monitoring of over-/under-voltage, phase sequ. & loss in 3phase 3wire & 4 wire sys. operating 115 to 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 > Monitoring Relays > K8AK
--------------	----------------------------------

Additional Product Information

FunctionsOver/under voltage, Phase loss, Phase sequenceInstallation typeDIN railTerminal typeScrewSize22.5 mmConnection method3-wire, 4-wireSupply voltage AC115-240 VOutput typeRelayContact description2 x SPDTBody colorBlack

ETIM for 378181 Relays (EC001441)

Feature Name

Feature Value

Voltage type (operating voltage) (EF005294)

AC/DC

Type of electric connection (EF003961)

Screw connection

Voltage type (supply voltage) (EF002991)

AC

External power supply required (EF003292)

Yes

With detachable clamps (EF003340)

No

Phase imbalance monitoring (EF003416)

Yes

Phase sequence monitoring (EF003412)

Yes

Function under voltage detection (EF003414)

Yes

Function over voltage detection (EF003415)

Yes

Phase failure detection (EF003413)

No

Number of contacts as change-over contact (EF008257)

2

Number of contacts as normally open contact (EF008256)

0

Min. adjustable delay-on energization time (EF008190)

0.1 s

Max. permitted delay-on energization time (EF008189)

30 s

Min. adjustable off-delay time (EF008192)

0 s

Width (EF000008)

22.5 mm

Number of contacts as normally closed contact (EF008255)

0

Height (EF000040)

90 mm

Rated switch current (EF006706)

5 A

Max. permitted off-delay time (EF008191)

0 s

Depth (EF000049)

100 mm

Supply voltage AC 50 Hz (EF007532)

115 V

Operating voltage DC (EF008208)

0 V

Supply voltage AC 60 Hz (EF007533)

115 V

Operating voltage AC 50 Hz (EF008206)

0 V

Voltage measuring range (EF002486)

115 V

Operating voltage AC 60 Hz (EF008207)

0 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / K8AK-PM1 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.