

INDUSTRIAL COMPONENT DATA

F-BP635-22,5 AA050951M FBP635225 OMRON Band pass filter, 635 nm, M22.5 x P 0.5 mm

Brand: OMRON | Manufacturer Part Number: F-BP635-22,5



Manufacturer	OMRON
MPN / Reference	F-BP635-22,5
Catalog number	FBP635225
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
Document ID	EO-25FDDEF7EA
Generated	2026-08-03

Product Overview

Band pass filter, 635 nm, M22.5 x P 0.5 mm

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

FeaturesProtect your heating application

This temperature monitoring relay was designed specially for monitoring abnormal temperatures to prevent excessive temperature increase and to protect equipment. K8AK-TH provides temperature monitoring in slim design with a width of just 22.5mm.

Simple function settings using DIP switchSelectable alarm latch and SV setting protectionMulti-input support for thermocouple or Pt100 and Pt1000 sensor inputChangeover relay: fail-safe selectableAlarm status identification with LED

Protect your heating application

If a temperature sensor is damaged or the SSR is short circuited in a furnace, the controller has no means of stopping rises in temperature. An internal alarm can help, but there is still some risk if the controller fails. This risk is eliminated by the built-in redundancy of the K8AK-TH alarm unit which can automatically switch off the power to the furnace.

Prevent overheating in cabinets

Temperature rises due to heat dissipation from SSRs within a cabinet can be too high for efficient operation. Simple ON/OFF control with the K8AK-TH can protect against overheating without the necessity and expense of running the fans continuously.

Ordering information

Input type
Temperature setting range
Setting unit
Supply voltage
Size in mm (H×W×D)
Order code
Thermocouple/
Pt100 and Pt1000
0 to 999°C/F
1°C/F
100 to 240 VAC
90×22.5×100
K8AK-TH11S AC100-240
24 VAC/VDC
K8AK-TH11S AC/DC24
Thermocouple
0 to 1,800°C
0 to 3,200 °F
10°C/F
100 to 240 VA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F-BP635-22,5 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.