



## 574SX1M48S503SD

**574 Series Commercial Potentiometer, Conductive Plastic Element, PCwith bracket Terminals, 0.5 W Power Rating, 50 kOhm Resistance Value**

*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.*

### Features

- All plastic construction
- Conductive plastic element
- Linear taper
- Metric bushing
- Low profile
- Vertical mounting with support bracket

### Typical Applications

- Manual controls (throttle, joystick)
- Welding and heating
- Telecommunications

### Description

The 574 Series is a low cost potentiometer with the benefits of a conductive plastic element. It is made with a thermoplastic housing and shaft and includes a bracket for vertical PC mounting.



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Product Specifications	
Potentiometer Type	Commercial
Element Type	Conductive Plastic
Terminal Type	PCwith bracket
Power Rating	0.5 W
Resistance Value	50 kOhm
Resistance Tolerance	± 20 %
Linearity	± 5 %
Bushing Thread	M9 [0.354 in] x .75-6g
Bushing length	6,35 mm [0.25 in]
Bushing Type	Standard
Shaft Diameter	6,35 mm [0.25 in]
Shaft length	19,05 mm [0.75 in]
Shaft Ending	Slotted
Body	21.08 mm [0.83 in] square, ± 0.79 mm [0.031 in]
Electrical Taper	Linear
Operating Temperature	-40 °C to 120 °C [-40 °F to 248 °F]
Working Voltage (Max.)	350 V
Rotational Life	50000 cycles
Mechanical Rotation	300°
Availability	Global
Series Name	574 Series
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

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[\[Dimensions\]](#)

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### **WARNING**

#### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

### **WARNING**

#### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**