



## 574SX1M48S503SD

574 Series Commercial Potentiometer, Conductive Plastic Element, PC with 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.