

# W31-X2M1G-50 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield W23-31

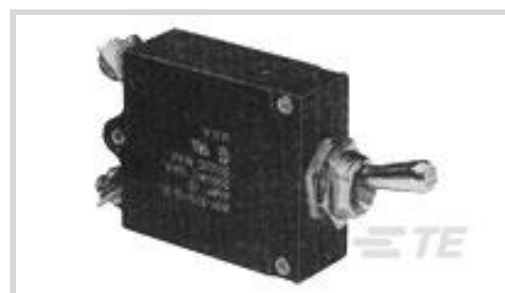
TE Internal #: 4-1393247-3

Potter & Brumfield W23-31, Circuit Breakers, Thermal, Series Trip, Silver with Amp Rate Marking Toggle Color, 240VAC Voltage Rating AC

[View on TE.com >](#)



Relays, Contactors & Switches > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Series Trip**

Illuminated: **No**

Toggle Color: **Silver with Amp Rate Marking**

Voltage Rating AC: **240 VAC**

## Features

### Product Type Features

Circuit Breaker Style	Toggle
Illumination Type	No Light
Product Type	Circuit Breaker
Actuator Type	Push-Pull, Toggle
Circuit Breaker Type	Thermal
Illuminated	No
Toggle Color	Silver with Amp Rate Marking

### Configuration Features

	.47 (Diameter) in
Earthing Switch	Without
Circuit Function	Series Trip

### Electrical Characteristics

Voltage Rating AC	240 VAC
Voltage Rating DC	50 VDC
Circuit Breaker Current Rating	50 A
Interrupt Capacity	1000A @ 50VDC or 240VAC

### Contact Features

Pole Configuration	1
--------------------	---



Trip Time at 200% 6 – 22 seconds

**Termination Features**

Circuit Breaker Termination Type 8-32 Screws 90° to Each Other

**Mechanical Attachment**

Mounting Hardware Packaging Assembled to Bushing

Mounting Options Two Hex Nuts/Lockwasher

Mounting Bushing 15/32-32 Threaded Bushing .32" Long Double "D", Silver Color

Circuit Breaker Mounting Type Panel Mount

**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU Compliant with Exemptions

EU ELV Directive 2000/53/EC Not Compliant

China RoHS 2 Directive MIIT Order No 32, 2016 Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006  
 Current ECHA Candidate List: JAN 2021 (211)  
 Candidate List Declared Against: JAN 2021 (211)  
 SVHC > Threshold:  
 Cadmium oxide (5.1% in Component Part)  
**Article Safe Usage Statements:**  
 Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content Not Yet Reviewed for halogen content

Solder Process Capability Not applicable for solder process capability

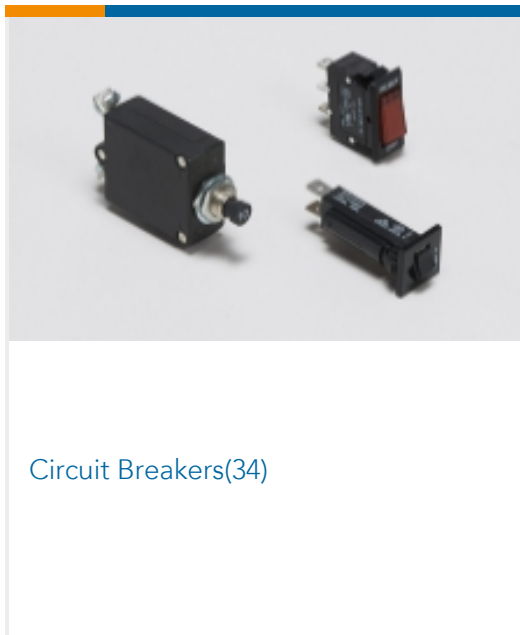
**Product Compliance Disclaimer**

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

**Compatible Parts**



## Also in the Series | Potter & Brumfield W23-31



## Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393247-3\\_C\\_c-4-1393247-3-c.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393247-3\\_C\\_c-4-1393247-3-c.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393247-3\\_C\\_c-4-1393247-3-c.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### [W23/W31 Series Datasheet](#)

English

#### [W23/31 Toggle or Push/Pull Actuator Thermal Circuit Breaker](#)

English

#### [Industrial Relays Quick Reference Guide](#)

English

#### [Industrial Relays Quick Reference Guide](#)

Japanese

#### [Industrial Relays Quick Reference Guide](#)