W31-X2M1G-50 ✔ ACTIVE

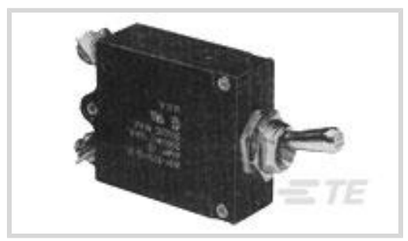
Potter & Brumfield | Potter & Brumfield W23-31

TE Internal #: 4-1393247-3

Thermal Circuit Breaker, Series Trip, Silver Actuator, 240 VAC, 50 VDC, 50 A, 1 Pole, 6 – 22 seconds Trip Time at 200%, Potter & Brumfield W23-31

View on TE.com >

Relays & Contactors > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Series Trip**

Illuminated: **Without**

Actuator Color: **Silver**

Operating Voltage: **240 VAC**

Features

Product Type Features

Circuit Breaker Style	Toggle
Illumination Type	No Light
Actuator Type	Push-Pull, Toggle
Circuit Breaker Type	Thermal
Illuminated	Without

Configuration Features

	.47 (Diameter) in
Circuit Function	Series Trip
Number of Poles	1

Electrical Characteristics

Operating Voltage	50 VDC
Current Rating	50 A
Interrupt Capacity	1000A @ 50VDC or 240VAC

Body Features

Actuator Color	Silver

Contact Features

Trip Time at 200%	6 – 22 seconds

Termination Features

Terminal Configuration	8-32 Screws 90° to Each Other

Mechanical Attachment

Mounting Options	Two Hex Nuts/Lockwasher
Mounting Hardware Packaging	Assembled to Bushing
Mounting Bushing	15/32-32 Threaded Bushing .32" Long Double "D", Silver Color

Identification Marking

Stamped Marking Type	Amp Rate Marking

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cadmium oxide (10% in 17874790769) Pb (3.7% in 74019790) **Article Safe Usage Statements:** Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 35152
TERMINAL,PIDG SPD 12-10 8

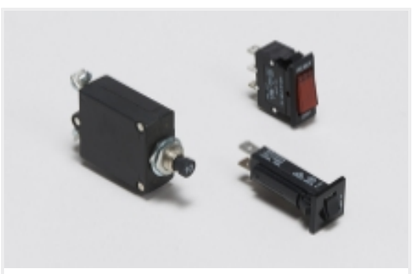


TE Part # 2-320568-2
TERM, RT, PIDG IR, 12, #8



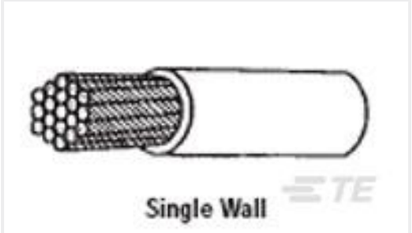
TE Part # 4-1393247-1
W31-X2M1G-40=W23/W31

Also in the Series | Potter & Brumfield W23-31



Circuit Breakers(29)

Customers Also Bought



TE Part #792939-000
82A0111-16-0



TE Part #1-201692-6
CNTR FASTENER PLUG BLOCK,104P



TE Part #3-1393247-3
W31-X2M1G-15=W23/W31



TE Part #3-1393247-9
W31-X2M1G-35=W23/W31



TE Part #4-1393247-1
W31-X2M1G-40=W23/W31



TE Part #4-1393247-2
W31-X2M1G-5=W23/W31



TE Part #1558665-2
T9GS5L14-9



TE Part #2-2213766-7
AV19 SPL 3A POWER LED RED 24V



TE Part #EQ20363001
44A0111-22-0CK1200

TE Part #2063957-1
SDE COMMERCIAL TOOL & DIE

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

W23/31 Toggle or Pusl/Pull Actuator Thermal Circuit Breaker

English

W23/W31 Series Datasheet

English

Agency Approvals

UL

English