

W31-X2M1G-7.50

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield W23-31

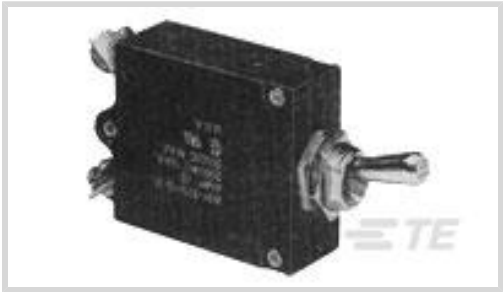
TE Internal #: 4-1393247-4

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	7.5 A
Interrupt Capacity	1000A @ 50VDC or 120VAC

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 (7.95% 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



TE Part # CAT-P592-SP118
PIDG SPADE TONGUE TERMINALS



TE Part # 3-1393247-2
W31-X2M1G-10=W23/W31



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



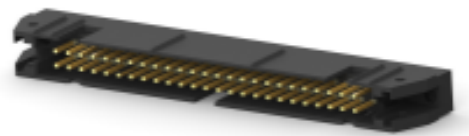
TE Part # CAT-P592-R472A
PIDG RING TONGUE TERMINALS

Also in the Series | Potter & Brumfield W23-31



Circuit Breakers(34)

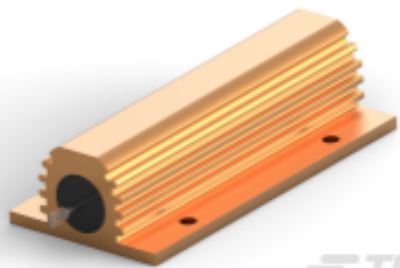
Customers Also Bought



TE Part #1-5499206-0
AMP-LATCH UNIVERSAL HEADERS



TE Part #167293-1
D-Sub Crimp: Plug, Signal, 15 Posn, Pin Size 20, Shell Size 2



TE Part #1630027-3
Power Resistors: Aluminum Housed, HSC



TE Part #1-1734037-0
Champ 050 series 100pos,Au over PdNi



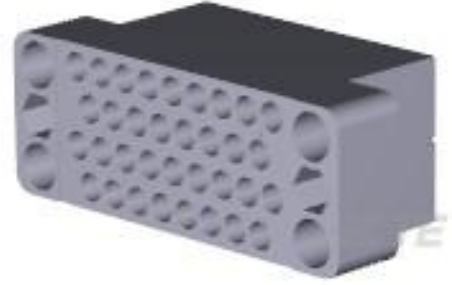
TE Part #074911-000
55A1821-20-9/96-9CS2275



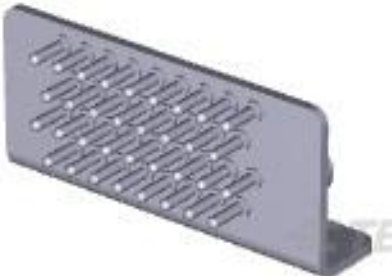
TE Part #HD34-24-29SE
DEUTSCH HD30 HOUSINGS



TE Part #203618-1
MALE J.S. ASSY. - SHORT



TE Part #200838-2
BLOCK,34 POSN,M SERIES



TE Part #204814-1
GROUNDING CONN. 34 POS. ASY.



TE Part #225396-1
BNC JACK DUAL CP RG58,A,B,C



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1393247-4_C_c-4-1393247-4-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1393247-4_C_c-4-1393247-4-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1393247-4_C_c-4-1393247-4-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 Pusl/Pull Actuator Thermal Circuit Breaker

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide