

W54-XB2A4A10-15

✓ ACTIVE

Potter & Brumfield W54

TE Internal #: 6-1423901-0

Potter & Brumfield W54, Circuit Breakers, Thermal, Series Trip, White with Red Rate Marking (Vertical) Button Color, 250VAC Voltage Rating AC

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Relays, Contactors & Switches > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Series Trip**

Illuminated: **No**

Button Color: **White with Red Rate Marking (Vertical)**

Voltage Rating AC: **250 VAC**

Features

Product Type Features

| | |
|----------------------|-----------------|
| Illumination Type | No Light |
| Product Type | Circuit Breaker |
| Actuator Type | Push to Reset |
| Circuit Breaker Type | Thermal |
| Illuminated | No |

Configuration Features

| | |
|------------------|------------------------------|
| Panel Cutout | 8.8 x 9.7 mm[.346 x .382 in] |
| Earthing Switch | Without |
| Circuit Function | Series Trip |

Electrical Characteristics

| | |
|--------------------------------|----------------------|
| Voltage Rating AC | 250 VAC |
| Voltage Rating DC | 50 VDC |
| Circuit Breaker Current Rating | 15 A |
| Interrupt Capacity | 1000A @ 250VAC/50VDC |

Body Features

| | |
|--------------|--|
| Button Color | White with Red Rate Marking (Vertical) |
|--------------|--|

Contact Features

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



Trip Time at 200%

5 – 30 seconds

Termination Features

| | |
|----------------------------------|---------------------------------------|
| Circuit Breaker Termination Type | 6.35 [.25] Straight Quick Connect Tab |
|----------------------------------|---------------------------------------|

Mechanical Attachment

| | |
|-------------------------------|---|
| Mounting Hardware Packaging | Assembled to Bushing |
| Mounting Options | Knurled Nut/Hex Nut |
| Mounting Bushing | 3/8" (One Side Flat) x 10mm Long, Metal |
| 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 2018 (181) SVHC > Threshold: Not Yet Reviewed |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1-1423696-5
BOOTSEAL,3/8,BLACK, SILICONE

TE Part # 175022-1
250 PL EX REC. 18-14AWG PTBR

Also in the Series | Potter & Brumfield W54

Circuit Breakers(19)

Customers Also Bought

TE Part #1879234-7
SMF5 910R 5%

TE Part #215460-4
MICRO-MATCH FEM.SE

TE Part #1825095-2
TP11CGPC204

TE Part #1571079-4
PRASD1-16F-BB000=POWER ROCKER

TE Part #3-1423673-9
W51-A152A1-5=CTBKTR,THERM,ROC

TE Part #1623112-1
CRG0805 1% 13K

TE Part #3-1879354-2
RR03 5% 6R2 AMMO

TE Part #7-215464-4
04P.MICRO-MATCH MOB

TE Part #1827654-2
2mm pitch Battery Plug Assy. 7P. H=4.0

TE Part #1423675-6
W57-XB7A4A10-8=CTBKTR,THERM,PB



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1423901-0_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1423901-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1423901-0_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

W54 Push To Reset Only Thermal Circuit Breaker

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6-1423901-0](#)