

W58-XC1A4A-16

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield W58

TE Internal #: 1423695-4

Thermal Circuit Breaker, Series Trip, White Actuator, 250 VAC, 50 VDC, 16 A, 1 Pole, 6 – 30 seconds Trip Time at 200%, Potter & Brumfield W58

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Relays & Contactors > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Series Trip**

Illuminated: **Without**

Actuator Color: **White**

Operating Voltage: **250 VAC**

Features

Product Type Features

|                      |               |
|----------------------|---------------|
| Illumination Type    | No Light      |
| Actuator Type        | Push to Reset |
| Circuit Breaker Type | Thermal       |
| Illuminated          | Without       |

Configuration Features

|                  |                         |
|------------------|-------------------------|
|                  | .44 – .45 (Diameter) in |
| Circuit Function | Series Trip             |
| Number of Poles  | 1                       |

Electrical Characteristics

|                    |                                 |
|--------------------|---------------------------------|
| Operating Voltage  | 50 VDC                          |
| Current Rating     | 16 A                            |
| Interrupt Capacity | 2000A @ 50VDC or 1000A @ 250VAC |

Body Features

|                |       |
|----------------|-------|
| Actuator Color | White |
|----------------|-------|

Contact Features

|                   |                |
|-------------------|----------------|
| Trip Time at 200% | 6 – 30 seconds |
|-------------------|----------------|

Termination Features

|                        |                                       |
|------------------------|---------------------------------------|
| Terminal Configuration | 6.35 [.25] Straight Quick Connect Tab |
|------------------------|---------------------------------------|

Mechanical Attachment

|                             |                         |
|-----------------------------|-------------------------|
| Mounting Options            | Knurled Nut/Hex Nut     |
| Mounting Hardware Packaging | Assembled to Bushing    |
| Mounting Bushing            | 7/16 x .5 [12.7mm] Long |

Identification Marking

|                      |                    |
|----------------------|--------------------|
| Stamped Marking Type | Black 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                   | 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 2025 (247)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Cadmium oxide (7.95% in Contact)<br><b>Article Safe Usage Statements:</b><br>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                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                                              |
| 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

W58-XC1A4A-16

Thermal Circuit Breaker, Series Trip, White Actuator, 250 VAC, 50 VDC, 16 A, 1 Pole, 6  
– 30 seconds Trip Time at 200%, Potter & Brumfield W58



TE Part # 1393160-1  
55-010A=NUT,.438-28,KNURL,.625

TE Part # 1393160-3  
88-021B=WASHER,LOCK,SPRSTL,.44

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

Also in the Series | **Potter & Brumfield W58**

Circuit Breakers(27)

Customers Also Bought

TE Part #093852-000  
GELWRAP-18/4-100(B6)

TE Part #320665  
PG SPD 22-16 COMM 22-18 MIL 6

TE Part #35244  
SPLICE,PG BUTT 16-14

TE Part #927852-1  
PL 250 REC TERMINAL 20-17 AWG BR

TE Part #CAT-J41-DDRC  
DEUTSCH DT Receptacle Connectors

TE Part #DT06-12SB-CE05  
PLG, 12P, BLK, E, SEAL RET,ENH KEY, CAP,B

TE Part #328308  
SPARE WIRE CAP,BLU, 16-14 AWG

TE Part #3-520412-2  
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1423695-4\\_J.2d\\_dxf.zip](#)

[English](#)





Customer View Model

[ENG\\_CVM\\_CVM\\_1423695-4\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1423695-4\\_J.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[W58 Push To Reset Only Thermal Circuit Breaker](#)

English

[Flyer - UL1500 Ignition Protected Circuit Breakers](#)

English

Agency Approvals

[UL](#)

English