

W28-XQ1A-5

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield W28

TE Internal #: 3-1393250-8

Thermal Circuit Breaker, Series Trip, Black Actuator, 250 VAC, 32 VDC, 5 A, 1 Pole, 2.2 – 15 seconds Trip Time at 200%, Potter & Brumfield W28

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Relays & Contactors > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Series Trip**

Illuminated: **Without**

Actuator Color: **Black**

Operating Voltage: **250 VAC**

Features

Product Type Features

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

Configuration Features

|                  |             |
|------------------|-------------|
| Circuit Function | Series Trip |
| Number of Poles  | 1           |

Electrical Characteristics

|                    |                      |
|--------------------|----------------------|
| Operating Voltage  | 32 VDC               |
| Current Rating     | 5 A                  |
| Interrupt Capacity | 1000A @ 250VAC/32VDC |

Body Features

|                |       |
|----------------|-------|
| Bezel Color    | Black |
| Actuator Color | Black |

Contact Features

|                   |                  |
|-------------------|------------------|
| Trip Time at 200% | 2.2 – 15 seconds |
|-------------------|------------------|

Termination Features



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

Mechanical Attachment

|                  |                     |
|------------------|---------------------|
| Mounting Options | Snap-In Panel Mount |
| Mounting Bushing | None                |

Dimensions

|                               |                               |
|-------------------------------|-------------------------------|
| Panel Thickness (Recommended) | .81 – 1.57 mm[.032 – .062 in] |
|-------------------------------|-------------------------------|

Identification Marking

|                      |                    |
|----------------------|--------------------|
| Stamped Marking Type | White 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                   | Out of Scope                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准<br>Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Cadmium oxide (1.55% in 12583283381)<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                               | 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>

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Compatible Parts

TE Part # 3-1423712-5

W28-X1095-5=CKTBKR,THERM,ROCK, QC.250,FUS

TE Part # 175022-1

250 PL EX REC. 18-14AWG PTBR

Also in the Series | **Potter & Brumfield W28**

Circuit Breakers(42)

Customers Also Bought

TE Part #806153-SF

FN3270H-320-99

TE Part #817086-SF

FN2090LL-30-08

TE Part #52951-3

PG SPR SPD 22-16COM22-18MIL 10

TE Part #170430-3

EIS PIN CONT GOLD LP

TE Part #2-1393250-3

W28-XQ1A-1=W28-

TE Part #2-1393250-8

W28-XQ1A-13=W28

TE Part #3-1393250-7

W28-XQ1A-4=W28-

TE Part #1879663-4

H8 115R 0.1% 15PPM

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Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_3-1393250-8\_0706.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_3-1393250-8\_0706.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_3-1393250-8\_0706.2d\_dxf.zip

English

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

Datasheets & Catalog Pages

W28 Push to Reset Fuseholder-Type Thermal Circuit Breaker

English

Agency Approvals

VDE Certificate

English