

W51-AB21B2-12 ✓ ACTIVE

TE Internal #: 6-1423673-4

Circuit Breakers, Thermal, Trip-Free - Switchable, Illuminated, Red,
Operating Voltage 125 VAC, Operating Voltage 50 VDC, 12A
Current Rating, 1 Pole

[View on TE.com >](#)



Relays, Contactors & Switches > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Trip-Free - Switchable**

Illuminated: **Yes**

Actuator Color: **Red**

Operating Voltage: **125 VAC**

Features

Product Type Features

Circuit Breaker Style	Contoured Button
Actuator Type	Rocker
Terminal Configuration	6.35 [.25] Straight Quick Connect Tab
Circuit Breaker Type	Thermal
Illuminated	Yes

Configuration Features

Panel Cutout Size	28.5 x 13.5 mm[1.122 x .531 in]
Circuit Function	Trip-Free - Switchable
Number of Poles	1

Electrical Characteristics

Operating Voltage	50 VDC
Current Rating	12 A
Interrupt Capacity	1000A @ 250VAC/50VDC

Body Features

Actuator Color	Red
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Contact Features

Trip Time at 200%	4 – 40 seconds
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Mechanical Attachment



Mounting Options	Snaps Into 1.122 x .531 (28.5 x 13.5) Panel Cutout
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Dimensions

Panel Thickness (Recommended)	.75 – 3 mm [.03 – .118 in]
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Identification Marking

Stamped Marking Type	RESET/OFF Molded
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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: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Cadmium oxide (11.48% in Component)

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
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Solder Process Capability	Not applicable for solder process capability
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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



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6-1423673-4_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1423673-4_F.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_6-1423673-4_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[W51 Rocker-Actuated Thermal Circuit Breaker/Power Switch With Optional Indicator Lamp](#)

English

Agency Approvals

[CCC Certificate](#)

English