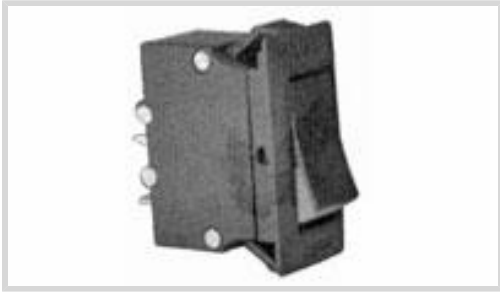# W51-A121B1-8 ✔ ACTIVE

TE Internal #: 1423673-4

Circuit Breakers, Thermal, Trip-Free - Switchable, Illuminated, Red, Operating Voltage 125 VAC, Operating Voltage 50 VDC, 8A Current Rating, 1 Pole

View on TE.com >

Relays & Contactors > Circuit Breakers

Circuit Breaker Type: **Thermal**

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

Illuminated: **With**

Actuator Color: **Red**

Operating Voltage: **125 VAC**

Features

Product Type Features

Circuit Breaker Style	Angular Button
Actuator Type	Rocker
Circuit Breaker Type	Thermal
Illuminated	With

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	8 A
Interrupt Capacity	1000A @ 250VAC/50VDC

Body Features

Actuator Color	Red

Contact Features

Trip Time at 200%	4 - 40 seconds

Termination Features

Terminal Configuration	6.35 [.25] Straight Quick Connect Tab

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Mechanical Attachment

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

Dimensions

Panel Thickness (Recommended)	.75 - 3 mm[.03 - .118 in]

Identification Marking

Stamped Marking Type	RESET/OFF Printed

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Cd (1.55% 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	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

W51-A121B1-8

Circuit Breakers, Thermal, Trip-Free - Switchable, Illuminated, Red, Operating
Voltage 125 VAC, Operating Voltage 50 VDC, 8A Current Rating, 1 Pole

TE Part # 1-1423673-1
W51-A122B1-8=CKTBKR,THERM, ROCK

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

Customers Also Bought

TE Part # 3-350815-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR

TE Part # 2-34168-1
TERMINAL,PG R 12-10 6

TE Part # 282834-3
TERMI-BLOK PCB MOUNT, 90 3P.

TE Part # 282836-2
TERMI-BLOK PCB MOUNT 90 2P.

TE Part # 3-641435-3
03P MTA156 CONN ASSY ORNG

TE Part # 3-1393250-2
W28-XQ1A-2=W28-

TE Part # 1423673-1
W51-A121B1-5=CKTBKR,THERM, ROCK

TE Part # 1423673-6
W51-A121B1-15=CKTBKR,THERM,ROC

TE Part # 2-342104-1
TAPE MOUNTED 22-16 F.E. TERMIN

Documents

CAD Files
3D PDF

3D
Customer View Model
ENG_CVM_CVM_1423673-4_E.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1423673-4_E.3d_igs.zip
English

W51-A121B1-8

Circuit Breakers, Thermal, Trip-Free - Switchable, Illuminated, Red, Operating
Voltage 125 VAC, Operating Voltage 50 VDC, 8A Current Rating, 1 Pole

Customer View Model

ENG_CVM_CVM_1423673-4_E.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