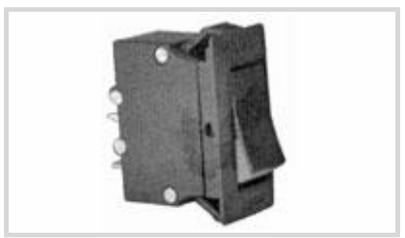
W51-A121B1-6 ✔ ACTIVE

TE Internal #: 1423673-2

Thermal Circuit Breaker, Trip-Free - Switchable, Illuminated, Red Actuator, 125 VAC, 50 VDC, 6 A, 1 Pole, 4 – 40 seconds Trip Time at 200%

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	6 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

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	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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 < 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



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

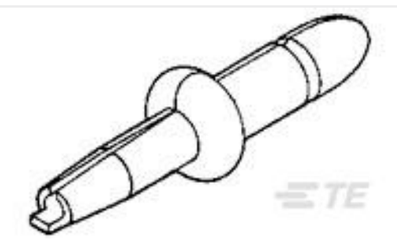


TE Part # 1-2486200-5
W52-A121B1-6=CKTBKR,THERM, ROCK



TE Part # 1423673-9
W51-A122B1-6=CKTBKR,THERM, ROCK

Customers Also Bought



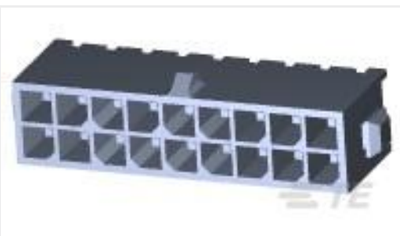
TE Part #60874-1
.058 PCB PIN PTPPHBZ



TE Part #60878-2
250 FASTON REC 22-18 AWG TPBR



TE Part #1-794617-8
18POS,MICRO MNL,RCPT HSG



TE Part #4-794630-8
18P MICRO MNL ASSY,VRT,HDR,LF



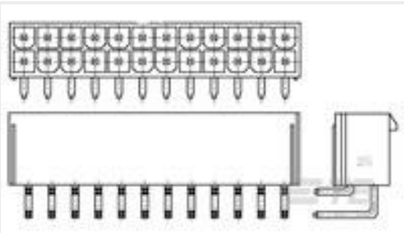
TE Part #8-1393211-9
T92S11D12-12



TE Part #1423673-5
W51-A121B1-10=CKTBKR,THERM,ROC



TE Part #1423673-7
W51-A121B1-20=CKTBKR,THERM,ROC



TE Part #2-1586042-4
24P VAL-U-LOK R/A HDR V0



TE Part #1-2008552-2
CONNECTOR, INLINE VERT SCREWLESS



TE Part #8-55854-2
16-14 PRE-INSUL SEALED TERM R

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1423673-2_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1423673-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1423673-2_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