1-2486200-6 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield W52

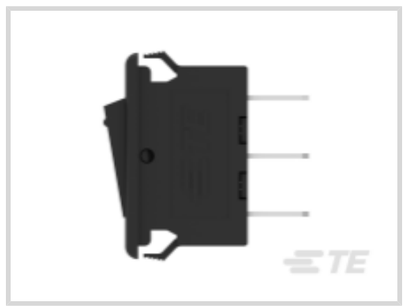
TE Internal #: 1-2486200-6

Thermal Circuit Breaker, Trip-Free - Switchable, Illuminated, Red Actuator, 125 VAC, 50 VDC, 10 A, 1 Pole, Potter & Brumfield W52

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

Body Features

Bezel Color	Black

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 Molded

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished

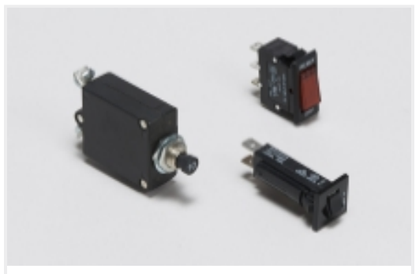
product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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

Also in the Series | Potter & Brumfield W52



Circuit Breakers(42)

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_1-2486200-6_A1.2d_dxf.zip
English

3D PDF
3D

Customer View Model
ENG_CVM_CVM_1-2486200-6_A1.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_1-2486200-6_A1.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

w52-1124
English

Agency Approvals

VDE Certificate

English