

W33-S1N1Q-20 ✓ ACTIVE

TE Internal #: 1-1393248-0

Circuit Breakers, Thermal, Pole 1 - Switch Only, Pole 2 - Series Trip
Overload Sensor, Black (Opaque) Rocker Color, 250VAC Voltage
Rating AC

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Relays, Contactors & Switches > Circuit Breakers



Circuit Breaker Type: **Thermal**

Circuit Function: **Pole 1 - Switch Only, Pole 2 - Series Trip Overload Sensor**

Illuminated: **No**

Rocker Color: **Black (Opaque)**

Voltage Rating AC: **250 VAC**

Features

Product Type Features

Circuit Breaker Style	Power Switch
Illumination Type	No Light
Product Type	Circuit Breaker
Actuator Type	Rocker
Circuit Breaker Type	Thermal
Illuminated	No

Configuration Features

Panel Cutout	22.22 x 44.45 mm
Earthing Switch	Without
Circuit Function	Pole 1 - Switch Only, Pole 2 - Series Trip Overload Sensor

Electrical Characteristics

Voltage Rating AC	250 VAC
Voltage Rating DC	50 VDC
Circuit Breaker Current Rating	20 A
Interrupt Capacity	1000A @ 50VDC/250VAC or 1500A @ 125 /250VAC

Body Features

Rocker Color	Black (Opaque)
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Contact Features

Pole Configuration	2
Trip Time at 200%	3 – 33 seconds

Termination Features

Circuit Breaker Termination Type	6.35 [.25] Straight Quick Connect Tab
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Mechanical Attachment

Mounting Options	Snap-In Panel Mount
Circuit Breaker Mounting Type	Panel Mount

Dimensions

Panel Thickness	.81 – 6.35 mm [.032 – .25 in]
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Identification Marking

Stamped Marking Type	International I/O
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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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Cadmium oxide (7.95% 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	Not Yet Reviewed for halogen content
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



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1393248-0_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393248-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393248-0_B.3d_stp.zip](#)

English



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

Datasheets & Catalog Pages

[W33 One- and Two-Pole, Switchable Thermal Circuit Breaker / Power Switch With Optional Indicator Lamp](#)

English

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

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