# W33-S4B1Q-20 ✔ ACTIVE

TE Internal #: 2-1393248-7

Thermal Circuit Breaker, Pole 1 - Switch Only, Pole 2 - Series Trip Overload Sensor, Illuminated, Amber Actuator, 250 VAC, 50 VDC, 20 A, 2 Pole

View on TE.com >

Relays & Contactors > Circuit Breakers



Circuit Breaker Type: **Thermal**

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

Illuminated: **With**

Actuator Color: **Amber**

Operating Voltage: **250 VAC**

## Features

### Product Type Features

| | |
|---|---|
| Circuit Breaker Style | Power Switch with Optional Indicator Lamp |
| Illumination Type | 120VAC (Neon with Resistor) |
| Actuator Type | Rocker |
| Circuit Breaker Type | Thermal |
| Illuminated | With |

### Configuration Features

| | |
|---|---|
| Panel Cutout Size | 22.22 x 44.45 mm |
| Circuit Function | Pole 1 - Switch Only, Pole 2 - Series Trip Overload Sensor |
| Number of Poles | 2 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 VDC |
| Current Rating | 20 A |
| Interrupt Capacity | 1000A @ 50VDC/250VAC or 1500A @ 125 /250VAC |

### Body Features

| | |
|---|---|
| Actuator Color | Amber |

### Contact Features

| | |
|---|---|
| Trip Time at 200% | 3 – 33 seconds |

### Termination Features

| | |
|---|---|
| Terminal Configuration | 6.35 [.25] Straight Quick Connect Tab |

### Mechanical Attachment

| | |
|---|---|
| Mounting Options | Snap-In Panel Mount |

### Dimensions

| | |
|---|---|
| Panel Thickness (Recommended) | .81 – 6.35 mm[.032 – .25 in] |

### Identification Marking

| | |
|---|---|
| Stamped Marking Type | International I/O |

## 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 Yet Reviewed |
| 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 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Cadmium oxide (10% in 17874790769)<br>Pb (3.32% in 20855730462)<br>**Article Safe Usage Statements:**<br>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 3-1393248-9
W33-T2N1Q-20=W33

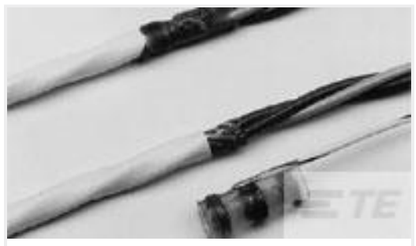


TE Part # 2-1393248-6
W33-S4B1Q-15=W33

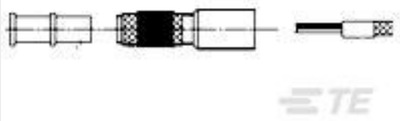


TE Part # 1-1393248-0
W33-S1N1Q-20=W33

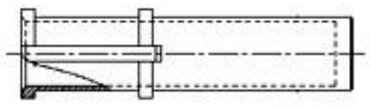
## Customers Also Bought



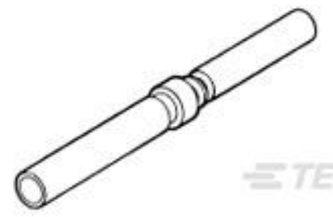
TE Part #621055-000
D-142-51



TE Part #730181-000
HET-A-04C



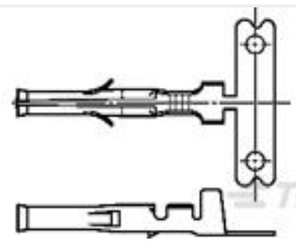
TE Part #688576-000
HEX07-AC



TE Part #204351-1
SZ 22 SOCKET CONTACT



TE Part #350705-1
UMNL SPLIT PIN 20-14 PTPBR L/P



TE Part #640392-1
.062 COMM P&S SOK 24-30 PTPBR



TE Part #1445535-1
PLUG,8-2,LG INS,STD KEY



TE Part #1663572-1
OSP/BMA VERTICAL PCB PLUG



TE Part #1757875-1
A600 RCPT 120T2 / 150 / 13C2



TE Part #1-6609032-5
10VR6=F7359 S0

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1393248-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1393248-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1393248-7_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 Series

English

W33 One- and Two-Pole, Switchable Thermal Circuit Breaker / Power Switch With Optional Indicator Lamp

English