



Products Unlimited | Products Unlimited 3100

TE Internal #: 4-1611007-2

TE Internal Description: 3100Y20U6999=30A 2P 208/240V P

DP Contactors, 2 Pole

[View on TE.com >](#)

Relays, Contactors & Switches > Contactors > Definite Purpose Contactors > DP Contactors, 2 Pole



Pole Configuration: **2**

Definite Purpose Contactor Coil Voltage Rating: **208 – 240 VAC**

Definite Purpose Contactor Contact Current Rating: **30 A**

Definite Purpose Contactor Mounting Type: **Panel**

Definite Purpose Contactor Contact Arrangement: **2 Form X, DPST-NO-DM**

[All DP Contactors, 2 Pole \(0\)](#)

## Features

### Product Type Features

|                        |                            |
|------------------------|----------------------------|
| Molded                 | No                         |
| Product Category       | Electromechanical Relays   |
| Product Type           | Contactor                  |
| Arc Cover              | Without                    |
| Product Classification | Relays - Contactors        |
| Model                  | 96                         |
| Contactor Type         | Definite Purpose           |
| Terminal Configuration | 10-32 Screw, Quick Connect |

### Electrical Characteristics

|  |               |
|--|---------------|
| Actuating System   | AC            |
| Coil Voltage (Max)   | 240 VAC       |
| Definite Purpose Contactor Coil Voltage Rating             | 208 – 240 VAC |
| Definite Purpose Contactor Coil Resistance                 | 1000 Ω        |
| Definite Purpose Contactor Contact Switching Voltage (Max) | 600 VAC       |

### Contact Features

|                       |                      |
|-----------------------|----------------------|
| Contact Base Material | Silver Cadmium Oxide |
| Pole Configuration    | 2                    |



|   |                      |
|---|----------------------|
| Definite Purpose Contactor Contact Current Rating | 30 A                 |
| Definite Purpose Contactor Contact Arrangement    | 2 Form X, DPST-NO-DM |

### Termination Features

|                  |               |
|------------------|---------------|
| Coil Termination | Quick Connect |
|------------------|---------------|

### Mechanical Attachment

|  |       |
|--|-------|
| Mounting Plate                           | With  |
| Definite Purpose Contactor Mounting Type | Panel |

### Dimensions

|           |                             |
|-----------|-----------------------------|
| Wire Size | 1.31 – 8.37 mm <sup>2</sup> |
|-----------|-----------------------------|

### Industry Standards

|                        |                              |
|------------------------|------------------------------|
| UL Flammability Rating | UL 94V-0                     |
| Agency Approval        | CSA Certified, UL Recognized |

### Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Individual |
|------------------|------------|

### Other

|         |   |
|---------|---|
| Comment | Stranding must be split for 8 AWG wire. |
| Torque  | 25 in-lbs                               |

## 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Cadmium oxide (10.81% in Component Part) |
| Halogen Content                               | Not Yet Reviewed for halogen content  |
| Solder Process Capability                     | Not applicable for solder process capability  |

**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.

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 # 8-32589-2  
TERMINAL,PIDG SPD 12-10 10




TE Part # 2-36161-3  
TERMINAL,PIDG R IR 12 10



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

### Also in the Series | Products Unlimited 3100



Definite Purpose Contactors(2)

### Customers Also Bought



TE Part #2-2176330-7  
CRGP 2010 1K5 1%



TE Part #2-2176370-1  
RQ 0603 698R 0.1% 10PPM 5K RL



TE Part #ZPF000000000001233  
097-0165-12



TE Part #3643333001  
100G0121-0.60-9/9



## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1611007-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1611007-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1611007-2\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Model 96 - 3100 Definite Purpose Contactor 1- or 2-pole, 20-40 FLA AC Coil](#)

English