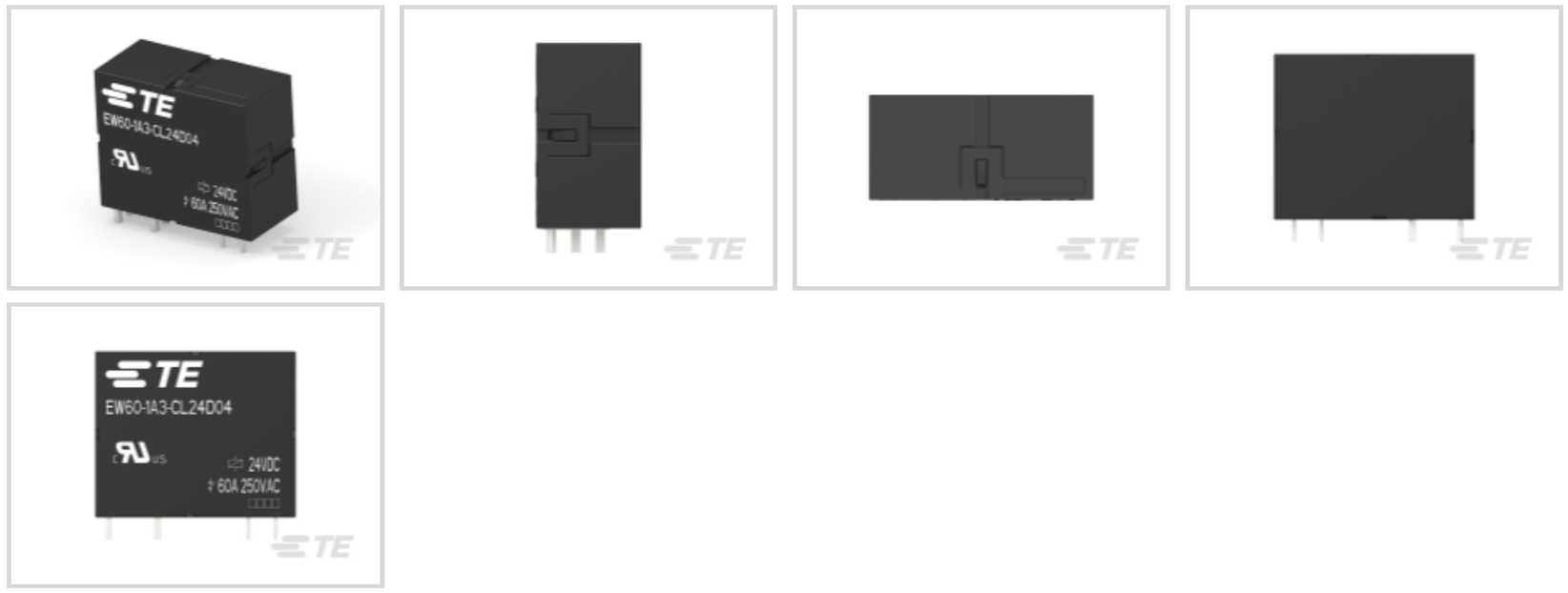
# 2071366-6 ✔ ACTIVE

TE Internal #: 2071366-6

General Purpose Power Relay, DC, Bistable, 2 Coils, Polarized, Latching, 1 Form A SPST-NO, 67 A Contact Rating, 24 VDC Coil Voltage

View on TE.com >

Relays & Contactors > Electromechanical Relays




Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Bistable, 2 Coils, Polarized, Latching**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Contact Current Rating: **67 A**

## Features

### Product Type Features

| | |
|---|---|
| Relay & Contactor Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Contact Number of Poles | 1 |
| Coil Special Features | UL Coil Insulation Class F |
| Contact Arrangement | 1 Form A SPST-NO |

### Electrical Characteristics

| | |
|---|---|
| Contact Limiting Continuous Current | 60 A |
| Insulation Initial Dielectric Between Open Contacts | 1500 Vrms |
| Insulation Initial Dielectric Between Adjacent Contacts | 1500 Vrms |
| Coil Current | .21 A |
| Contact Switching Voltage (Max) | 480 VAC |
| Coil Resistance | 192 Ω |
| Insulation Initial Resistance | 1000 MΩ |
| Contact Current Rating | 67 A |

| | |
|---|---|
| Coil Voltage Rating | 24 VDC |
| Contact Voltage Rating | 277 VAC |
| Coil Power Rating DC | 3 W |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |

## Body Features

| | |
|---|---|
| Product Weight | 37.5 g |
| Primary Product Color | Black |
| Enclosure Type | Dust Protected |

## Contact Features

| | |
|---|---|
| Contact Material | AgSnO2 |

## Termination Features

| | |
|---|---|
| Main Termination & Connection Type | Solder Pins |
| Coil Termination & Connection Type | Solder Pins |

## Mechanical Attachment

| | |
|---|---|
| Product Mount Type | Board Mount |

## Dimensions

| | |
|---|---|
| Insulation Clearance Between Contact & Coil | 6 mm |
| Insulation Creepage Between Contact & Coil | 6 mm[.236 in] |
| Product Width | 17.2 mm[.677 in] |
| Product Length | 36.8 mm[1.449 in] |
| Product Height | 30.4 mm[1.197 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
| Environmental Category of Protection | RTI |
| Environmental Ambient Temperature (Max) | 85 °C[185 °F] |

## Operation/Application

| | |
|---|---|
| Coil Magnetic System | Bistable, 2 Coils, Polarized, Latching |
| Current Type | DC |

## Packaging Features

| | |
|---|---|
| Packaging Method | Box & Tray |

## Other

| | |
|---|---|
| Coil Power Rating Class | >1.5 – ≤3 W |
| Contact Current Class | >50 – ≤200 A |
| Height Class (Mechanical) | >27 – ≤33 mm[>1.063 – ≤1.299 in] |
| Length Class (Mechanical) | >33 – ≤45 mm[>1.299 – ≤1.772 in] |
| Width Class (Mechanical) | >16 – ≤22 mm[>.63 – ≤.866 in] |

## 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 | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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 # 2071366-1
EW60-1A3-BL12D04,00000

## Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



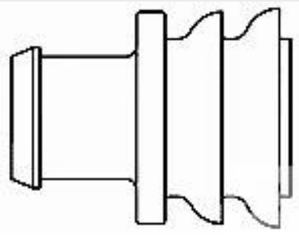
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2071366-6_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2071366-6_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2071366-6_B.3d_stp.zip

English

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

### Agency Approvals

VDE Certificate

English

VDE Certificate

English