

EW60-1A3-CL12D04,00000 ✓ ACTIVE

SCHRACK | TE EW60

TE Internal #: 2071366-2

Power Relays, Standard, Bistable, 1 Coil, 3000 mW Coil Power

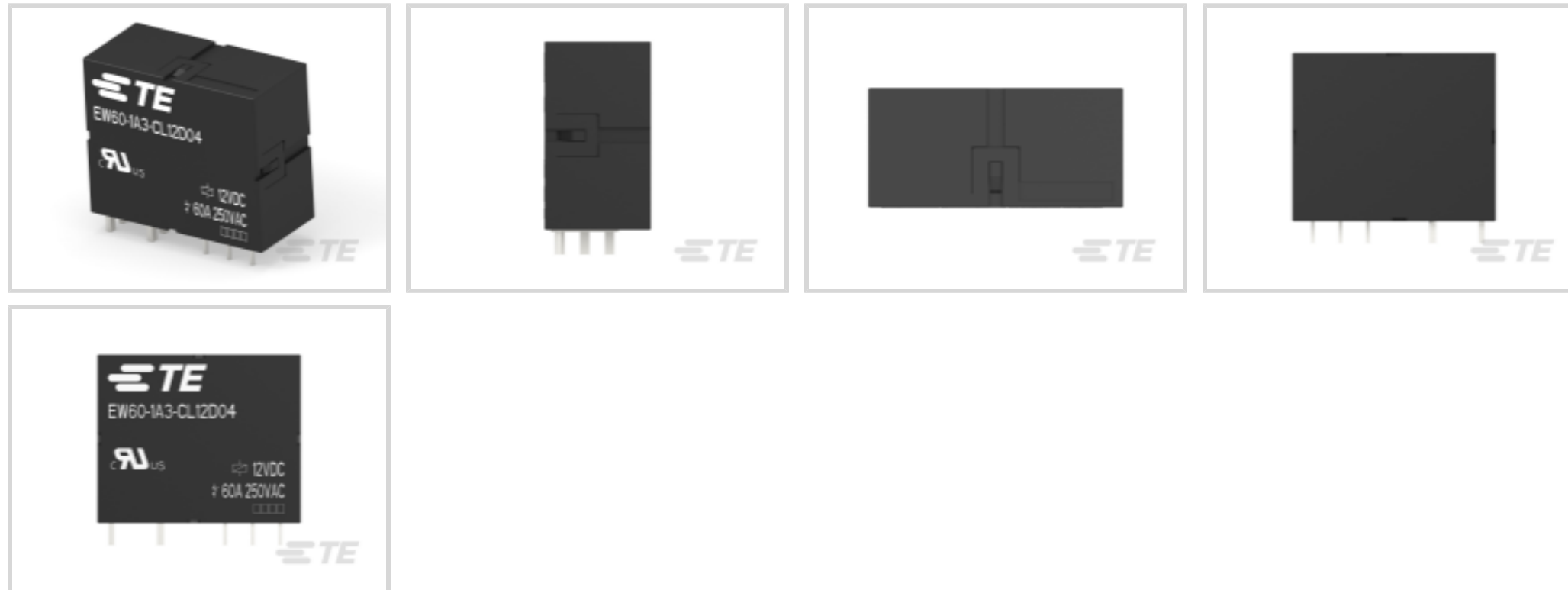
Rating DC, 48 Ω Coil Resistance, UL Coil Insulation Class F, 12 VDC

Coil Voltage, TE EW60

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Relays & Contactors > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Bistable, 1 Coil**

Coil Power Rating DC: **3000 mW**

Coil Resistance: **48 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

| | |
|------------------|--------------------|
| Enclosure Type | Plastic Dust Cover |
| Output Type | AC |
| Power Relay Type | Standard |

Configuration Features

| | |
|------------------|--------|
| Output Switching | Random |
|------------------|--------|

Electrical Characteristics

| | |
|---|-----------------|
| Output Current Rating | 0 – 60 Arms |
| Actuating System | DC |
| Insulation Initial Dielectric Between Open Contacts | 1500 Vrms |
| Coil Power Rating | 3 W |
| Insulation Creepage Class | 8 mm |
| Insulation Initial Dielectric Between Adjacent Contacts | 1500 Vrms |
| Insulation Initial Resistance | 1000 M Ω |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |



| | |
|--|----------------------------|
| Output Voltage (Max) | 277 V |
| Insulation Creepage Between Contact & Coil | 6 mm[.236 in] |
| Contact Limiting Continuous Current | 60 A |
| Output Voltage Rating (AC Relays) | 0 – 277 Vrms |
| Input Voltage | 0 – 12 VDC |
| Coil Magnetic System | Bistable, 1 Coil |
| Coil Power Rating DC | 3000 mW |
| Coil Resistance | 48 Ω |
| Coil Special Features | UL Coil Insulation Class F |
| Coil Voltage Rating | 12 VDC |
| Contact Switching Voltage (Max) | 480 VAC |
| Contact Voltage Rating | 277 VAC |

Body Features

| | |
|-----------------|-------------|
| Product Weight | 37.5 g |
| Packaging Style | Panel Mount |
| Case Color | Black |

Contact Features

| | |
|------------------------------|--------------------|
| Contact Plating Material | AgSnO |
| Switch Arrangement | 1 Form A (SPST-NO) |
| Contact Arrangement | 1 Form A (NO) |
| Contact Current Rating (Max) | 60 A |
| Contact Material | AgSnO ₂ |
| Contact Number of Poles | 1 |
| Relay Terminal Type | Solder |

Termination Features

| | |
|------------------------|--------------|
| Relay Termination Type | Solder Hooks |
|------------------------|--------------|

Dimensions

| | |
|---|------------------|
| Length Class (Mechanical) | 36.8 mm |
| Insulation Clearance Between Contact & Coil | 6 mm |
| Insulation Clearance Class | 5 – 8 mm |
| Product Width | 17.2 mm[.68 in] |
| Product Length | 36.8 mm[1.45 in] |



| | |
|----------------|-----------------|
| Product Height | 30.4 mm[1.2 in] |
|----------------|-----------------|

Usage Conditions

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

Packaging Features

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

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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed for solder process capability |

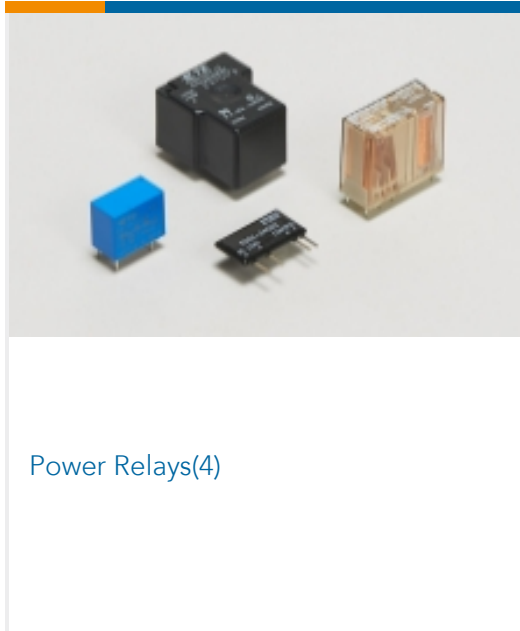
Product Compliance Disclaimer

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 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



Also in the Series | TE EW60



Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2071366-2_B.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2071366-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071366-2_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[EW60 Power Latching Relay Data Sheet](#)

English

[EW60 Relay flyer](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

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Agency Approvals

[VDE Certificate](#)

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