

EW60-1A3-CL12D04,00000

✓ ACTIVE

SCHRACK | TE EW60

TE Internal #: 2071366-2

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

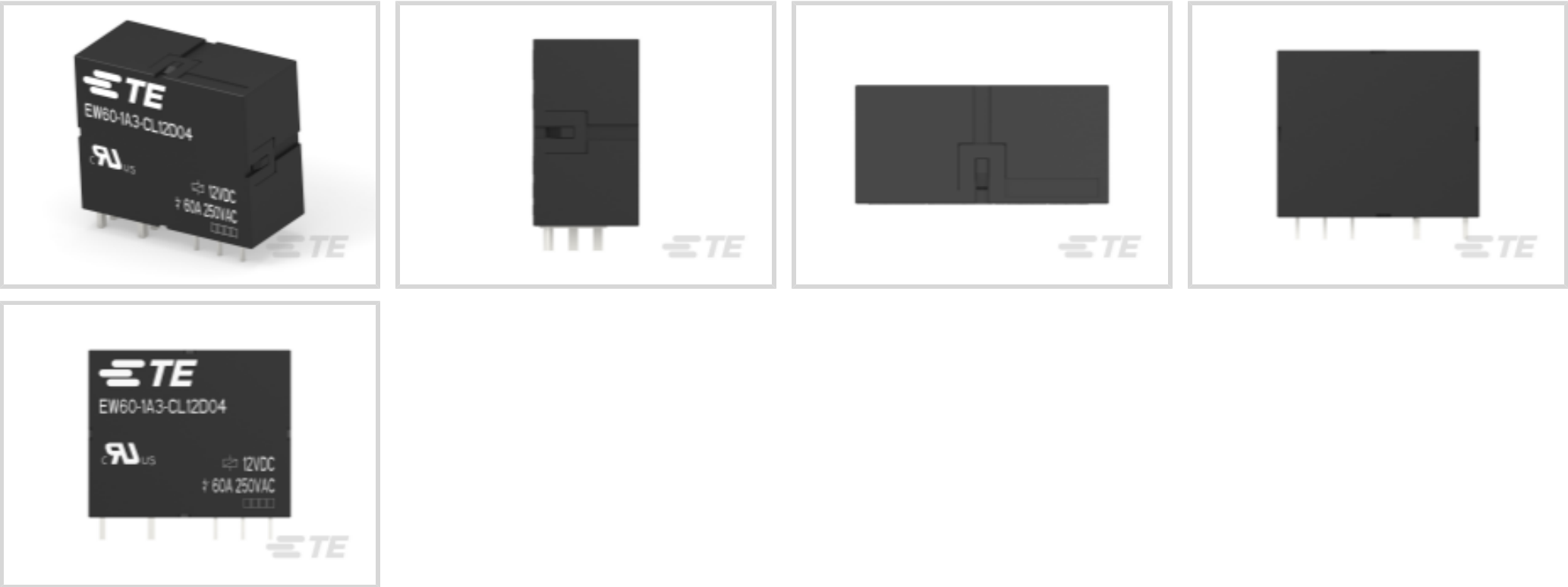
Rating DC, 48 Ω Coil Resistance, UL Coil Insulation Class F, 12 VDC

Coil Voltage, TE EW60

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Relays & Contactors > Relays > Power Relays



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

Relay Type	Standard
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Configuration Features

Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A (NO)
Contact Number of Poles	1

Electrical Characteristics

Output Current Rating	0 - 60 Arms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Output Voltage (Max)	277 V
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Coil Power Rating	3 W
Contact Limiting Continuous Current	60 A
Output Voltage Rating (AC Relays)	0 - 277 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms



Insulation Initial Resistance	1000 MΩ
Input Voltage	0 - 12 VDC
Coil Power Rating DC	3000 mW
Coil Resistance	48 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	60 A
Contact Switching Voltage (Max)	480 VAC
Contact Voltage Rating	277 VAC

Body Features

Enclosure Type	Plastic Dust Cover
Primary Product Color	Black
Product Weight	37.5 g

Contact Features

Contact Plating Material	AgSnO
Contact Material	AgSnO2

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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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[1.44 in]
Product Height	30.4 mm[1.19 in]

Usage Conditions

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

Operation/Application

Actuating System	DC
Output Switching	Random

Output Current Type	AC
Coil Magnetic System	Bistable, 1 Coil

Packaging Features

Packaging Method	Box & Tray
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Other

Length Class (Mechanical)	36.8 mm
Insulation Creepage Class	8 mm
Insulation Clearance Class	5 - 8 mm

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

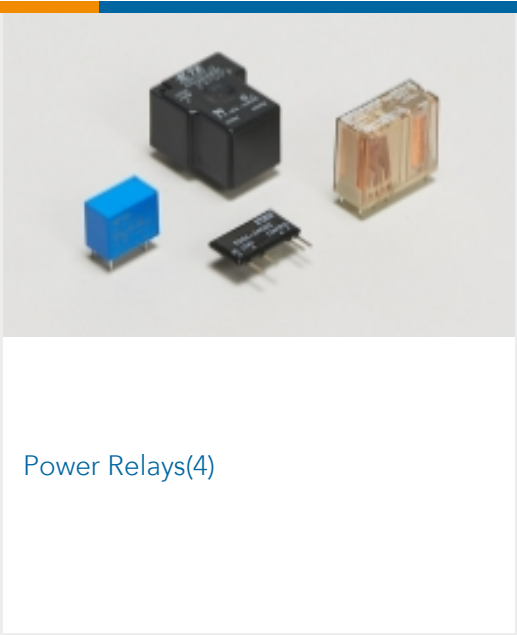
Product Compliance Disclaimer

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>

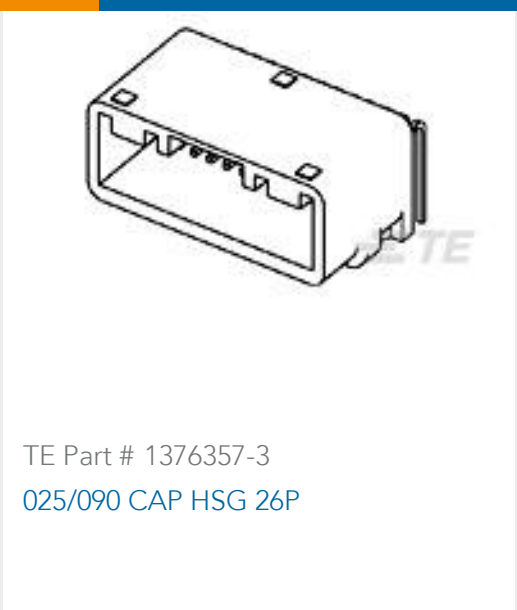
Compatible Parts



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

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

Datasheets & Catalog Pages

EW60 Power Latching Relay Data Sheet

English

EW60 Relay flyer

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English