

EW60-1A3-CL12D04,00000

✓ ACTIVE

SCHRACK | TE EW60

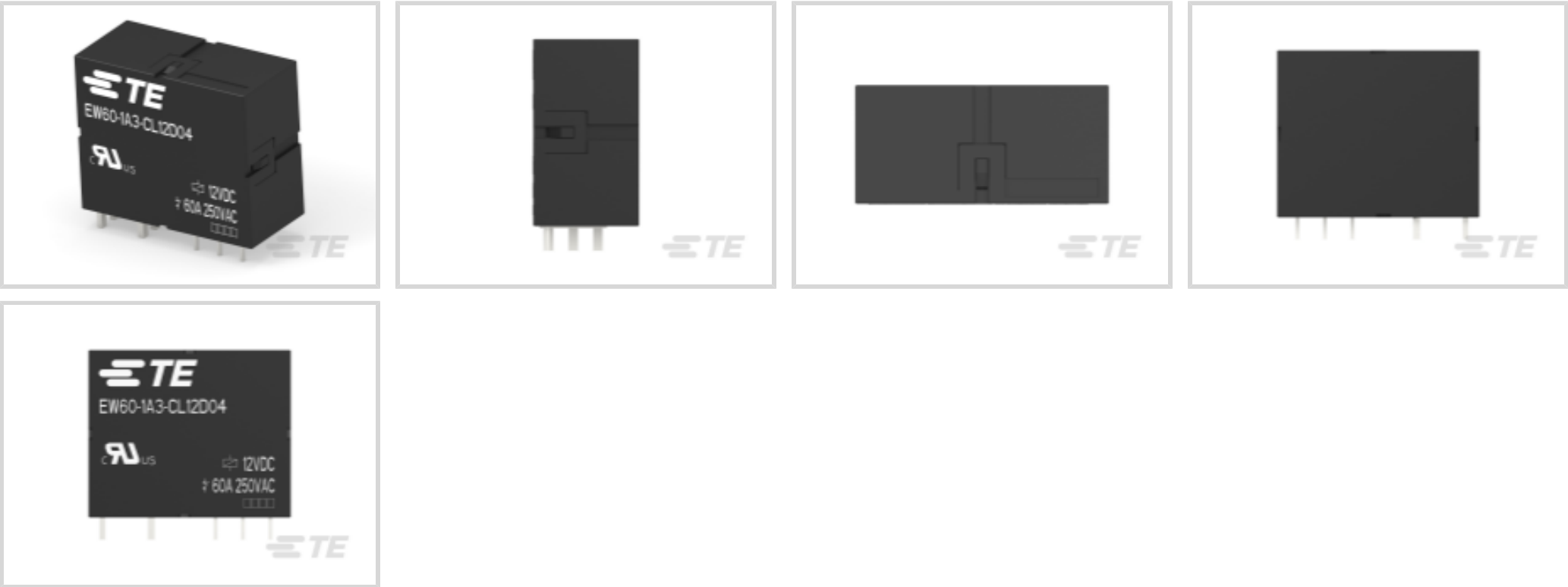
TE Internal #: 2071366-2

General Purpose Power Relay, DC, Bistable, 1 Coil, 1 Form A SPST-NO, 60 A Contact Rating, 12 VDC Coil Voltage, 277 VAC Contact Voltage, TE EW60

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

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

Contact Current Rating: **60 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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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
Contact Switching Voltage (Max)	480 VAC
Coil Resistance	48 Ω
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	60 A
Coil Voltage Rating	12 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
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Termination Features

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

Mechanical Attachment

Product Mount Type	Board Mount
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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

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

Operation/Application

Current Type	DC
Coil Magnetic System	Bistable, 1 Coil

Packaging Features

Packaging Method	Box & Tray
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Other

Length Class (Mechanical)	36.8 mm
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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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

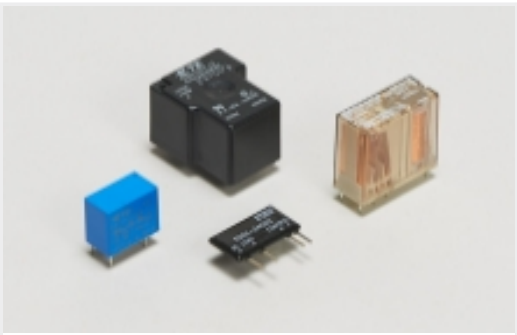
Product Compliance Disclaimer

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>

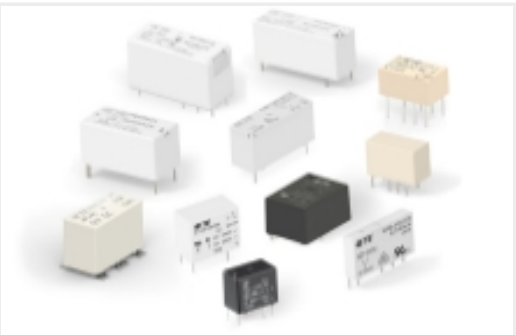
Compatible Parts



Also in the Series | [TE EW60](#)



General Purpose Power Relays(4)



PCB Relays(4)

Customers Also Bought



TE Part #1623518-1  
CRG1206 1% 47K



TE Part #3-2176328-8  
CRGP 1206 12K 1%



TE Part #826942-7  
7P MOD2 STIFT LEI



TE Part #7-1879354-5  
RR03 5% 390R AMMO



TE Part #2337228-1  
TACT ULTRA JB 3.0X2.6X0.65 100GF



TE Part #ANT-916-JJB-HT-T  
Antenna Mini Straight Hi-Temp  
916MHz THM



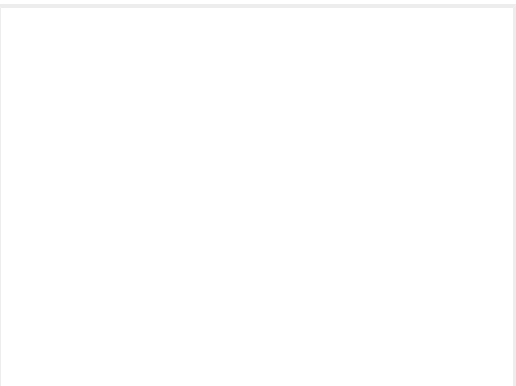
TE Part #2-2176328-6  
CRGP 1206 1K2 1%



TE Part #171825-6  
POST HDR ASSY VERT AMP EI CONN



TE Part #3-2319764-4  
E STACK PIANO 8P G LONG T&R PD  
ON



TE Part #2-1419106-0  
27E488=SOCKET,K10,8,QC.187,NYL

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

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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 Relay flyer

English

EW60 Power Latching Relay Data Sheet

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English