

EW60-1A3-CL12D04,00000

✓ ACTIVE

SCHRACK | TE EW60

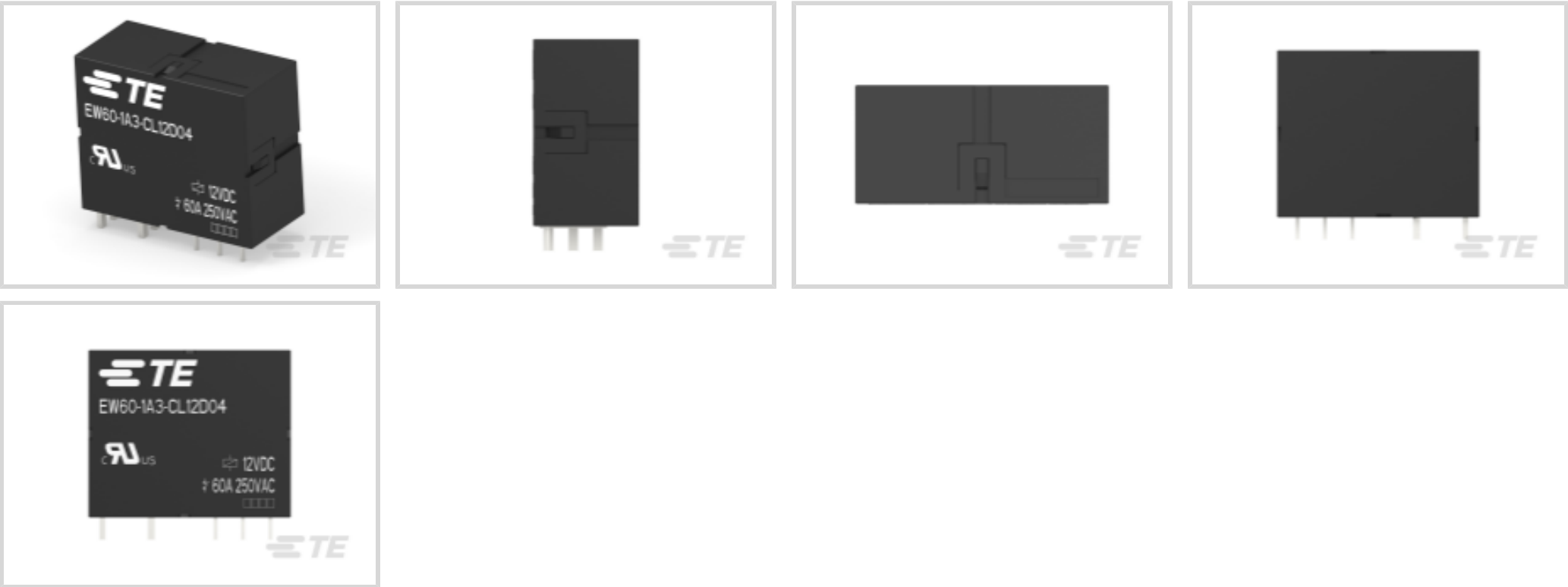
TE Internal #: 2071366-2

General Purpose Power Relay, DC, Bistable, 2 Coils, Polarized, Latching, 1 Form A SPST-NO, 67 A Contact Rating, 12 VDC Coil Voltage, TE EW60

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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
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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	67 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[1.449 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
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Other

Coil Power Rating Class	>1.5 – ≤3 W
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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**



DC Relays(4)



General Purpose Power Relays(4)



PCB Relays(4)

Customers Also Bought



TE Part #812337-SF
FN9280-4-06



TE Part #802979-SF
FN2090Z-3-06



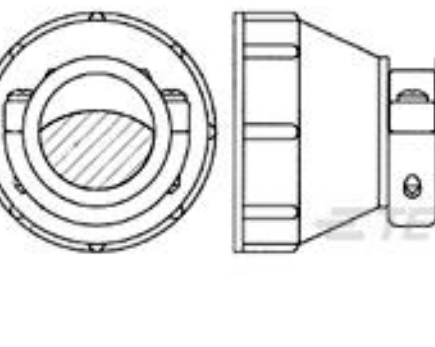
TE Part #800322-SF
FN1394-6-05-11



TE Part #800090-SF
FN355-3-05



TE Part #208471-1
CMC RECPT ASSEMBLY SIZE 28



TE Part #208945-8
SZ 28 UNASSM KIT,CMC



TE Part #1-1437012-0
609-003=HDW IDC JCKSOCKET ASSY



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



TE Part #1-5745172-3
AMPLI CBL CLMP KIT



TE Part #1337769-5
50 OHM COAX BNC STR PLUG P99-E

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](#)

English

Agency Approvals

[VDE Certificate](#)

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