

EW60-1A3-BL12D04,00000 ✓ ACTIVE

SCHRACK | TE EW60

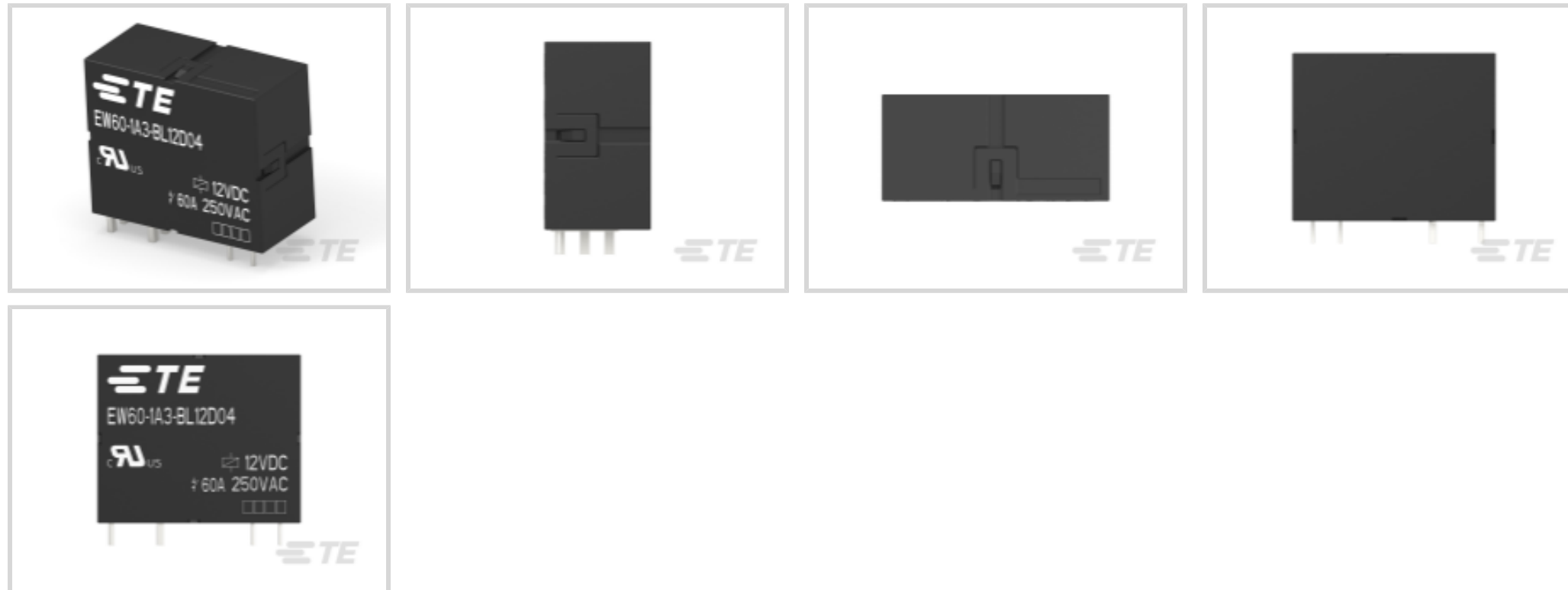
TE Internal #: 2071366-1

General Purpose Power Relay, DC, Bistable, 1 Coil, 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, 1 Coil, 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	96 Ω
Insulation Initial Resistance	1000 M Ω
Contact Current Rating	67 A
Coil Voltage Rating	12 VDC



Contact Voltage Rating	277 VAC
Coil Power Rating DC	1.5 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, 1 Coil, Polarized, Latching
Current Type	DC

Packaging Features

Packaging Method	Box & Tray
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Other

Coil Power Rating Class	>1 – ≤1.5 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	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	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>

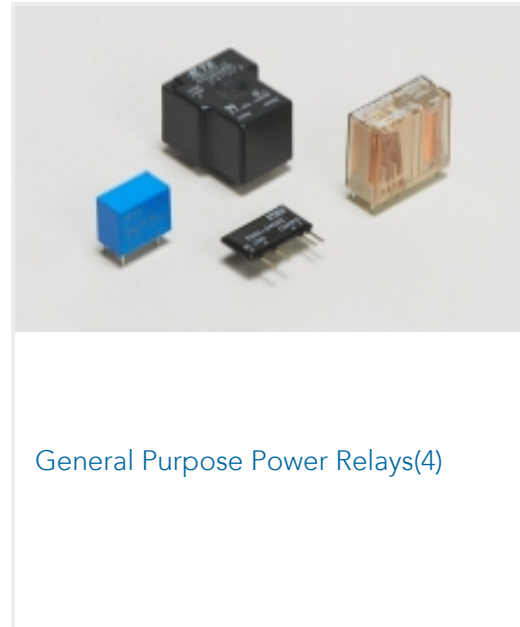
Compatible Parts



Also in the Series | TE EW60



DC Relays(4)

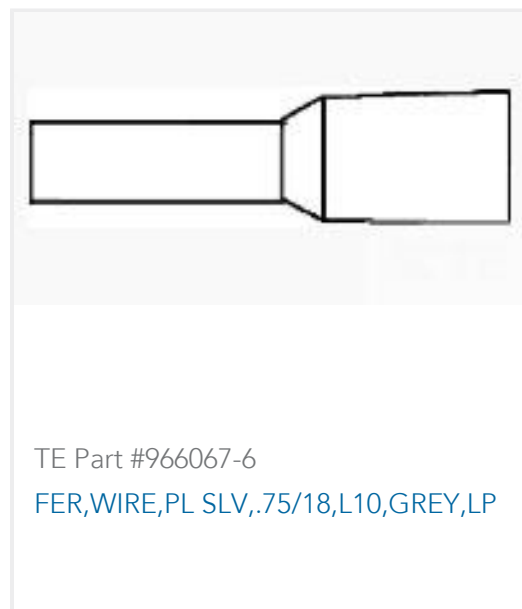


General Purpose Power Relays(4)



PCB Relays(4)

Customers Also Bought

TE Part #CB7766-000
RW-200-1-0-SPTE Part #640250-2
02P SL156 HSG W/LCK RAMP NATLTE Part #644752-2
02P MTA156 HDR ASSY SQ STR F/LTE Part #644752-6
06P MTA156 HDR ASSY SQ STR F/LTE Part #966067-6
FER,WIRE,PL SLV, .75/18,L10,GREY,LPTE Part #1-1617069-0
DS9-1W=DS9 DIP SOLID STATE
RELAYTE Part #3-1618241-3
K81B345=RELAY, VACUUM, SPST-NCTE Part #1879378-7
TLR 2512 2.0W R0005 1% 50PPM 2K RLTE Part #9-1879494-7
CRGH0603 5% 10K 0.2WTE Part #2176322-8
SMV 1W 390K 5%

Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2071366-1_C.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG_CVM_CVM_2071366-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071366-1_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Datasheet - Ev Charging Relays Contactors](#)

English

[EW60 Relay flyer](#)

English

[EW60 Power Latching Relay Data Sheet](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

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