



Micro Relay A

TE Internal #: 5-1393292-8

General Purpose Power Relay, DC, Monostable, 1 Form A (NO), 30 A Contact Rating, 12 VDC Coil Voltage, 12 VDC Contact Voltage, Micro Relay A

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Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form A (NO)**

Contact Current Rating: **30 A**

Features

Contact Features

| | |
|------------------|--------------|
| Contact Material | Silver Alloy |
|------------------|--------------|

Dimensions

| | |
|----------------|-----------------|
| Product Width | 15.5 mm[.61 in] |
| Product Length | 23 mm[.906 in] |
| Product Height | 25.4 mm[1 in] |

Other

| | |
|---|---------------------------|
| Contact Current Class | 20 – 30 A |
| Coil Power Rating Class | 1 – 1.5 W |
| Environmental Ambient Temperature Class | 105 – 125 °C |
| Height Class (Mechanical) | 25 – 30 mm |
| Length Class (Mechanical) | 20 – 25 mm |
| Width Class (Mechanical) | 12 – 16 mm |
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance | Compliant with Exemptions |

Usage Conditions

| | |
|---|----------------|
| Environmental Category of Protection | RTI |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F] |

Body Features



| | |
|----------------|----------------|
| Product Weight | 16 g[.565 oz] |
| Enclosure Type | Dust Protected |

Electrical Characteristics

| | |
|---|---------------|
| Contact Switching Load (Min) | 1000mA @ 5VDC |
| Contact Limiting Short-Time Current | 150 A |
| Contact Limiting Making Current | 120 A |
| Coil Resistance | 119 Ω |
| Contact Limiting Continuous Current | 30 A |
| Contact Limiting Breaking Current | 30 A |
| Insulation Initial Dielectric Between Open Contacts | 500 Vrms |
| Contact Current Rating | 30 A |
| Coil Voltage Rating | 12 VDC |
| Contact Voltage Rating | 12 VDC |
| Coil Power Rating DC | 1.2 W |
| Insulation Initial Dielectric Between Contacts & Coil | 500 Vrms |

Product Type Features

| | |
|------------------------|-----------------------------|
| Relay & Contactor Type | General Purpose Power Relay |
|------------------------|-----------------------------|

Operation/Application

| | |
|----------------------|------------|
| Current Type | DC |
| Coil Magnetic System | Monostable |

Configuration Features

| | |
|---------------------|---------------|
| Contact Arrangement | 1 Form A (NO) |
|---------------------|---------------|

Termination Features

| | |
|------------------------------------|-------------------------|
| Main Termination & Connection Type | Quick Connect Terminals |
| Coil Termination & Connection Type | Quick Connect Terminals |

Mechanical Attachment

| | |
|--------------------|--------------|
| Product Mount Type | Socket Mount |
|--------------------|--------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |



| | |
|---|--|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (1.36% in Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable 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

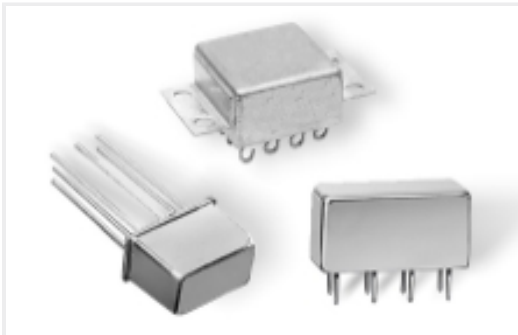


TE Part # 1-1904045-6
[V23333Z0001B046-EV-100](#)

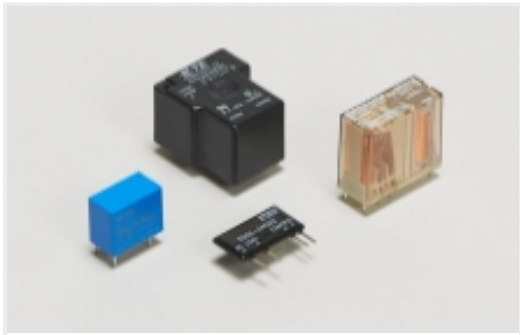
Also in the Series | [Micro Relay A](#)



Automotive Relays(15)



DC Relays(11)



General Purpose Power Relays(15)

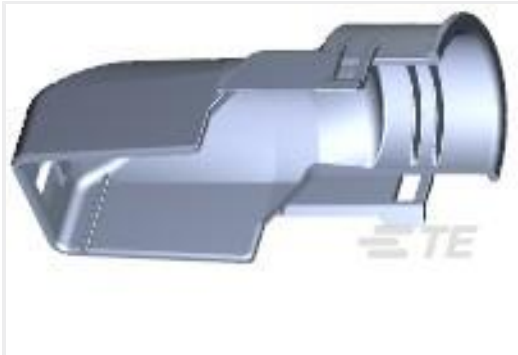


Plug-In Relays(15)

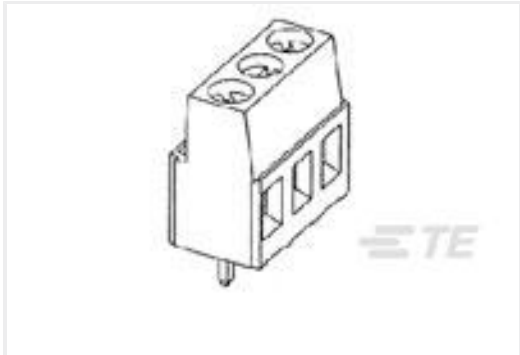
Customers Also Bought



TE Part #DT06-08SA-C017
PLG, 8P, GRY, BLOCKED, A



TE Part #2112452-1
COVER,FOR 22POS



TE Part #282857-6
TERMI-BLOK PCB MOUNT 90 6P.5



TE Part #1-968857-2
AMP MCP 2.8, CONTACT SWS



TE Part #1326029-3
2.8MM BLADE, UNSEAL,14-16AWG



TE Part #53420-1
TERMINAL,PIDG PVF2 R 16-14



TE Part #DTF13-4P-G003
HDR, 4P, GRY, RA, AU/NI/CU



TE Part #1-1414286-0
V23134J0052X439-EV-CBOX



TE Part #2-1393302-2
V23134A0052C643-EV-CBOX



TE Part #2362768-1
MATENET,PIGTAIL,1 GBPS UTP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1393292-8_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1393292-8_O.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_5-1393292-8_O.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Automotive Relay Application Notes](#)

English

[Micro Relay A, Micro ISO,Plug-in](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English