



**Kilovac**

TE Internal #: 1-1618241-7

High Voltage Relays, 10 kVDC Contact Voltage, 1 Form A, SPST-NO, Stud Terminals, High Voltage Tabs, Without Economizer, Power Switching, RF Rated

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Relays, Contactors & Switches > Relays > High Voltage Relays



Contact Voltage Rating: **10 kVDC**

High Voltage Relay Contact Arrangement: **1 Form A, SPST-NO**

High Voltage Connection (Coil): **Stud Terminals**

High Voltage Connection (Power): **High Voltage Tabs**

Economizer: **Without**

**Features**

**Product Type Features**

RF Rated	Yes
Product Type	Relay
Relay Type	High Voltage

**Configuration Features**

Economizer	Without
Power Switching	Yes

**Electrical Characteristics**

Contact Voltage Rating	10 kVDC
High Voltage Relay Voltage (Max)	12 VDC
High Voltage Relay Coil Voltage Rating	12 VDC
High Voltage Relay Coil Resistance	70 Ω

**Contact Features**

High Voltage Relay Contact Arrangement	1 Form A, SPST-NO
Auxiliary Contacts	Without
High Voltage Relay Contact Current Rating	30 A

**Termination Features**

High Voltage Connection (Coil)	Stud Terminals
High Voltage Connection (Power)	High Voltage Tabs

Termination Style	Stud Terminals
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### Mechanical Attachment

High Voltage Relay Mounting Type	Panel Mount
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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	Not 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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

#### 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



### Documents

K81AA47

High Voltage Relays, 10 kVDC Contact Voltage, 1 Form A, SPST-NO, Stud Terminals,  
High Voltage Tabs, Without Economizer, Power Switching, RF Rated



### Product Drawings

[K81AA47=RELAY, VACUUM, SPST-NO](#)

English

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### Datasheets & Catalog Pages

[5-1773450-5\\_sec7\\_K81](#)

English