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K81AB57 ✔ ACTIVE

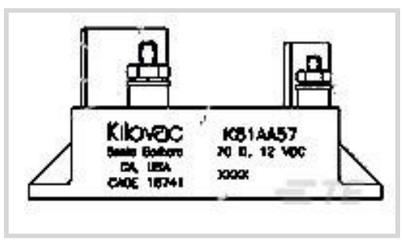
Kilovac

TE Internal #: 2-1618241-0

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

View on TE.com >

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)	26.5 VDC
High Voltage Relay Coil Voltage Rating	26.5 VDC
High Voltage Relay Coil Resistance	290 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

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Termination Style	Stud Terminals

Mechanical Attachment

High Voltage Relay Mounting Type	Panel Mount

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: JAN 2022 (223) 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 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 # 2-1618241-9
K81B245=RELAY, VACUUM, SPST-NC

Customers Also Bought

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K81AB57

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



TE Part #320554
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #5-1634556-0
BNC LP ELBOW B/HEAD PCB SKT 50 OHMS 6.15



TE Part #36915
TERMINAL,SOLIS R 1/0 1/4



TE Part #320383
TERMINAL,SOLIS R 2 1/4



TE Part #478203-000
Busbar Heat Shrink Tubing up to 24 kV



TE Part #640931-1
RECEPT,PIDG FASTON 16-14 110

TE Part #011589-000
FH-2618A-1

TE Part #A30155-000
MCK-5-1V



TE Part #331643-001
SSC-1/239

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-1618241-0_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2-1618241-0_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2-1618241-0_D.3d_stp.zip

English

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Datasheets & Catalog Pages

5-1773450-5_sec7_K81

English