



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **High Voltage Relay**

Current Type: **DC**

Contact Arrangement: **1 Form C SPDT-CO**

Contact Current Rating: **5 A**

Coil Voltage Rating: **12 VDC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Relay
------------------------	--------------------

Configuration Features

Relay Options	Power Switching, RF Rated
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Coil Resistance	70 Ω
Contact Current Rating	5 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	10 VDC

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount
--------------------	-------------

Operation/Application

Current Type	DC
--------------	----

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) 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



TE Part # 2-1618241-9
K81B245=RELAY, VACUUM, SPST-NC

Customers Also Bought





TE Part #6609028-2
1VK3=F7132 S0



TE Part #1676965-1
HSA10 20R 1%



TE Part #40811
RING 138(3.50MM)TERMINAL 20-16
AWG TPBR



TE Part #2-1437658-1
8PCV-08-006=#8 TRIBARRIER



TE Part #2-1393239-6
RT134012



TE Part #5-2176089-1
RP 1J 0.166W 37K4 0.1% 25PPM 1K RL



TE Part #1-1825006-5
GDS08S04=DIP SW,SLIDE,SMT



TE Part #1-534206-0
20 MODII VRT DR CE 100/115



TE Part #5-1419111-2
PT271012



TE Part #6-1879022-1
SMF3 100K 5%

Documents

Product Drawings
K81C235=RELAY, VACUUM, SPDT
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5-1618241-6_P.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_5-1618241-6_P.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5-1618241-6_P.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

K81C235

High Voltage Relay, DC, 1 Form C SPDT-CO, 5 A Contact Rating, 12 VDC Coil Voltage, 10 VDC Contact Voltage, Board Mount



[5-1773450-5_sec7_K81](#)

English