

PD5A535=RELAY, VACUUM, SPST-NO

✓ ACTIVE

Kilovac

TE Part # 3-1618013-4

TE Internal #: PD5A535

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > High Voltage Relays



Contact Voltage Rating: 28 – 1800 kVDC

Contact Arrangement: 1 Form A, SPST-NO

High Voltage Connection (Coil): PCB Tails

High Voltage Connection (Power): PCB Solder Connections

Economizer: Without

Features

Product Type Features

| | |
|--------------|--------------|
| RF Rated | No |
| Product Type | Relay |
| Relay Type | High Voltage |

Configuration Features

| | |
|-----------------|---------|
| Economizer | Without |
| Power Switching | Yes |

Electrical Characteristics

| | |
|---------------------------------|----------------|
| Contact Voltage Rating | 28 – 1800 kVDC |
| Voltage (Max) | 320 VDC |
| Coil Voltage Rating | 125 VDC |
| Coil Resistance | 4700 Ω |
| Contact Switching Voltage (Max) | 1800 |

Contact Features

| | |
|------------------------|-------------------|
| Contact Arrangement | 1 Form A, SPST-NO |
| Auxiliary Contacts | Without |
| Contact Current Rating | 5 A |

Termination Features

| | |
|---------------------------------|------------------------|
| High Voltage Connection (Coil) | PCB Tails |
| High Voltage Connection (Power) | PCB Solder Connections |



| | |
|-------------------|-----------|
| Termination Style | PCB Tails |
|-------------------|-----------|

Mechanical Attachment

| | |
|---------------|-----------------------|
| Mounting Type | Printed Circuit Board |
|---------------|-----------------------|

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 2019 (197) Candidate List Declared Against: JAN 2019 (197) |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2-1618239-0
K41A534=RELAY,
VACUUM, SPST-NO

Customers Also Bought





TE Part #2-1393118-6
KUP-14D35-110=KU



TE Part #3-644460-2
02P MTA156 CONN ASSY
18AWG ORA



TE Part #6648222-1
CONTACT,PIN,#4 SILVER
PLATED



TE Part #3-1393118-1
KUP-14D45-110=KU



TE Part #2-36932-2
TERMINAL,SOLIS R 4/0 1/4



TE Part #4-192038-8
LA3,.250,.006,SILVER



TE Part #1-1415012-1
V23047-A1110-A501

Documents

Datasheets & Catalog Pages

5-1773450-5_sec7_PD5A

English