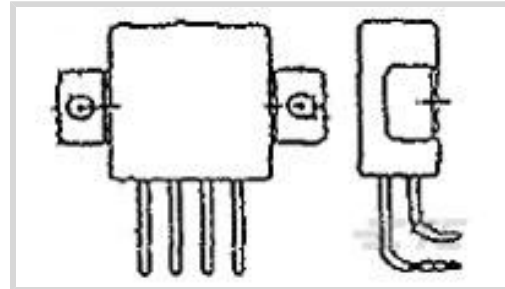




Relays, Contactors & Switches > Relays > Mil-Aero Relays > Mid-Range Relays



Mid-Range Relay Contact Arrangement: **2 Form C, DPDT, 2 C/O**

Coil Suppression Diode: **With**

Auxiliary Contacts: **Without**

Terminal Plating: **Tin-Lead**

Mid-Range Relay Contact Current Rating: **10 A**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Terminal Configuration	Solder Pins, 90°
Product Type	Relay
Relay Type	Military/Aerospace Mid-Range

Electrical Characteristics

Vibration	30G's, 10 – 3000Hz
Shock	200G's, 6ms
Coil Suppression Diode	With
Mid-Range Relay Coil Voltage Rating	28 VDC
Mid-Range Relay Coil Resistance	320 Ω
Back EMF Suppression	With
Coil Magnetic System	Polarized, Monostable
Actuating System	DC

Contact Features

Mid-Range Relay Contact Arrangement	2 Form C, DPDT, 2 C/O
Auxiliary Contacts	Without
Terminal Plating	Tin-Lead
Mid-Range Relay Contact Current Rating	10 A



Contact Base Material	Silver Cadmium Oxide
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Mechanical Attachment

Mid-Range Relay Mounting Type	Horizontal Flange Mount
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Usage Conditions

Operating Temperature Range	-70 – 125 °C
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not lead free process capable
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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 # 1-1617805-8
TD228-1002P=TDFO 10 SEC M83726 /28-1002P



TE Part # 1617814-9
TD229-1001S=TDFR 1 SEC M83726/29-1001S



TE Part # 6-1617805-9
TD230-5001P=TDAO .5-5 SEC



TE Part # 3-1617805-3
TD230-5003P=TDAO50-500SECM83726/30-5003P



TE Part # 1-1617806-3
TD228-6002P=TDFO 60 SEC



TE Part # 1-1617810-7
TD228-6001P=TDFO 6 SEC M83726 /28-6001P



TE Part # 1-1617820-2
TD228-1201S=TDFO 1.2 SEC M83726 /28-1201S



TE Part # 1-1617820-3
TD228-4000S=TDFO .40 SEC M83726 /28-4000S



TE Part # 1-1617820-4
TD228-8000S=TDFO .80 SEC M83726 /28-8000S



TE Part # 1-1617820-5
TD230-2001S=TDFO 2.0 SEC M83726 /30-2001S



TE Part # 1-1617820-6
TD231C-1001PY=TDAR .1-1 SEC



TE Part # 1-1617820-7
TD230C-1002PY=TDAO 1 - 10 SEC



TE Part # 1617806-8
TD228-4002P=TDFO 40 SEC



TE Part # 1617820-5
TD229C-4000TZ=TDFR .4 SEC SOLDPINOMT



TE Part # 1617820-8
TD228C-3001SX=TDFO 3 SEC



TE Part # 2-1617789-1
FCA-410-CX5=MIDRANGE RELAY



TE Part # 2-1617789-3
FCA-410-CY5=MIDRANGE RELAY



TE Part # 3-1617805-1
TD229-3002S=TDFR 30 SEC



TE Part # 4-1617808-5
TD229-1803P=TDFR 180 SEC M83726 /29-1803P



TE Part # 5-1617785-6
FCA-410-1520L=M83536/15-020L

Also in the Series | [CII FCA-125 Series](#)



Mid-Range Relays(80)

Documents

Product Drawings

[FCA-210-1027M=M83536/10-027M](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1617749-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1617749-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1617749-5_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec5_FCA-210](#)

English