



Relays, Contactors & Switches > Relays > Signal Relays



Contact Voltage Rating: **150 VAC**

Signal Relay Coil Power Rating (DC): **128 mW**

Isolation (HF Parameter): **-18dB @ 900MHz, -30dB @ 100MHz**

Insertion Loss (HF Parameter): **-.12dB @ 100MHz, -1.9dB @ 900MHz**

Features

Product Type Features

Relay Type	P1 Relay V23026
Relay Style	P1 Relay V23026
Product Type	Relay

Electrical Characteristics

Coil Power Rating Class	100 – 150 mW
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Contact Limiting Short-Time Current	1 A
Insulation Initial Dielectric Between Contacts and Coil	1500 Vrms
Insulation Creepage Class	0 – 1.5 mm
Insulation Initial Dielectric Between Coil/Contact Class	1000 V – 1500 VA
Voltage Standing Wave Ration (HF Parameter)	1.06 @ 100MHz, 1.75 @ 900MHz
Power Consumption	30 – 150 mW
Contact Limiting Making Current	1 A
Coil Resistance	4500 Ω
Contact Limiting Continuous Current	1 A
Insulation Creepage Between Contact and Coil	.75 mm[.03 in]
Coil Type	Monostable
Contact Limiting Breaking Current	1 A



Contact Switching Load (Min)	10mA @ .02V
Contact Voltage Rating	150 VAC
Signal Relay Coil Power Rating (DC)	128 mW
Signal Relay Coil Voltage Rating	24 VDC
Signal Relay Contact Switching Voltage (Max)	150 VAC
Signal Relay Coil Magnetic System	Monostable, DC, Polarized

Signal Characteristics

Isolation (HF Parameter)	-18dB @ 900MHz, -30dB @ 100MHz
Insertion Loss (HF Parameter)	-.12dB @ 100MHz, -1.9dB @ 900MHz

Body Features

Weight	2 g[.0705 oz]
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Contact Features

Contact Plating Material	Gold-Rhodium
Contact Current Class	0 – 2 A
Contact Special Features	Bifurcated/Twin Contacts
Signal Relay Terminal Type	PCB-SMT
Signal Relay Contact Current Rating	1 A
Signal Relay Contact Arrangement	1 Form C (CO)
Contact Material	PdNi
Contact Number of Poles	1

Termination Features

Termination Type	Surface Mount
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Mechanical Attachment

Signal Relay Mounting Type	Printed Circuit Board
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Dimensions

Width Class (Mechanical)	6 – 8 mm
Width	7.8 mm[.307 in]
Length Class (Mechanical)	12 – 14 mm
Insulation Clearance Between Contact and Coil	.75 mm[.03 in]
Height Class (Mechanical)	7 – 8 mm
Length	13.4 mm[.527 in]
Insulation Clearance Class	0 – 2.5 mm



Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[85 °F]
Environmental Ambient Temperature Class	70 – 85°C
Operating Temperature Range	-40 – 85 °C

Operation/Application

Performance Type	High Sensitive
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Packaging Features

Packaging Method	Reel
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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	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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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	Reflow solder capable to 245°C

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 # 1393776-8
V23026D1026B201 *X020

TE Part # 1393776-6
V23026D1023B201 *X020

Also in the Series | Axicom P1 Signal Relay

Power Relays(8)

Signal Relays(25)

Customers Also Bought

TE Part #1415015-1
Forced Guided Relay, Reinforced Insulate

TE Part #2-1445093-6
MICRO MNL HDR ASSY S/ROW AU LF

TE Part #1393776-4
V23026D1022B201 *X020

TE Part #1393776-3
V23026D1021B201 *X020

TE Part #103904-1
02 MTE HDR SRRA LATCH W/HLDWN

TE Part #1734248-3
1.0 FPC, ZIF V/T, SMT, 3P

TE Part #1-770859-0
15P MINI UMNL HDR ASSY SN

TE Part #HPP845E131R5
HTU21D Digital High Accuracy RH/T Sensor

TE Part #1-215079-6
FEMALE-ON-BOARD CONNECTOR TOP ENTRY

TE Part #1676148-2
RN 0805 107K 0.1% 10PPM 1KRL



Documents

CAD Files

Customer View Model

ENG_CVM_1393776-7_S00E.3d_igs.zip

English

Customer View Model

ENG_CVM_1393776-7_S00E.3d_stp.zip

English

Customer View Model

ENG_CVM_1393776-7_S00E.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Product Specification

English

Definitions, Handling, Processing, Testing and Use of Relays

English