



Relays, Contactors & Switches > Switches > DIP & SIP Switches



DIP & SIP Switch Product Type: **Switch**

DIP & SIP Switch Contact Mating Area Plating Material: **Gold**

DIP & SIP Switch Housing Color: **Black**

DIP & SIP Switch Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **No**

Features

Product Type Features

DIP & SIP Switch Product Type	Switch
Sealed DIP & SIP Switch	Yes
DIP & SIP Switch Type	DIP
Actuator Style	Recessed Rocker

Configuration Features

Number of Positions	10
Number of Switches	10
Configuration (Pole-Throw)	Single Pole - Single Throw

Electrical Characteristics

DIP & SIP Switch Voltage Rating	50 VDC
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Body Features

Seal Type	Tape
Actuator Color	White

Contact Features

Solder Tail Contact Plating	Gold over Nickel
DIP & SIP Switch Contact Mating Area Plating Material	Gold
Auto-Insertable	No
DIP & SIP Switch Contact Current Rating	.1 A



Contact Base Material	Copper Alloy
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Mechanical Attachment

DIP & SIP Switch Mounting Type	Surface Mount
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Housing Features

Low Profile	Yes
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DIP & SIP Switch Housing Color	Black
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DIP & SIP Switch Housing Material	Polyphenylene Sulfide (PPS)
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DIP & SIP Switch Centerline	1.27 mm[.05 in]
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Dimensions

Length	13.83 mm[.544 in]
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Height	2.2 mm[.093 in]
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Usage Conditions

Operating Temperature Range	-30 – 85 °C
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tube, Tube
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Packaging Quantity	30
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not reviewed for solder process capability
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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 # 1571983-5
GDH04STR04=DIP SWITCH



TE Part # 1-1571983-1
GDH08STR04=DIP SWITCH



TE Part # 1571983-4
GDH04S04=DIP SWITCH



TE Part # 1977830-4
DIP SWITCH GDH08SA04




TE Part # 1977830-1
DIP SWITCH GDH02SA04


Also in the Series | Alcoswitch DIP



DIP & SIP Switches(291)

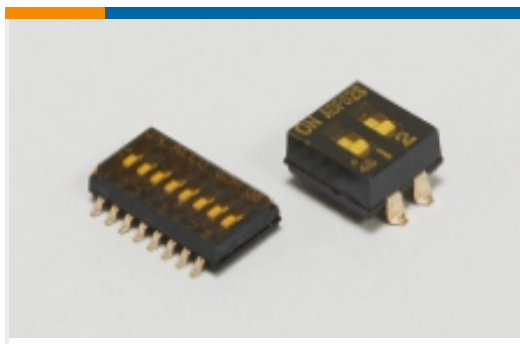


Rotary Switches(34)



Switch Boots & Accessories(1)

Also in the Series | Alcoswitch DIP GDH



DIP & SIP Switches(22)

Customers Also Bought



TE Part #2176051-5
Thick Film Resistor: Current Sense



TE Part #1879451-1
Wirewound Resistor: Mineral, 2.5 Kw



TE Part #2337234-2
TACT MICRO JB 4.6X4.4X0.55 P3.5 160GF



TE Part #2176415-9
8W STD M/OX 5% 62R



TE Part #3-641214-6
Polyester Right Angle PCB Header: 2.54mm, Wire-to-Board, MTA 100



TE Part #YDTS20F25-35PBV001
D38999: Square Flange, 25-35 insert



TE Part #2-103167-2
50 MODII HDR DRRA SHRD .100CL



TE Part #1338742-1
SEAT TL.6 ROW,HS3 D BM.60 POS



TE Part #2-86479-6
44 MODII HDR DRRA UNSHRD .100



TE Part #1617108-1
HC3-26B = HC RELAY

Documents

Product Drawings

[DIP SWITCH GDH10SA04](#)

English

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1977830-5_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1977830-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977830-5_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English