

1-1571983-1 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch DIP](#), [Alcoswitch DIP GDH](#)

TE Internal #: 1-1571983-1

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold, Black Housing Color, Polyphenylene Sulfide (PPS), Sealed, 8 Switch

[View on TE.com >](#)



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



Product Type: **Switch**

Contact Mating Area Plating Material: **Gold**

Housing Color: **Black**

Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **No**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	8
Number of Switches	8
Configuration (Pole-Throw)	Single Pole - Single Throw

### Electrical Characteristics

Voltage Rating	50 VDC
----------------	--------

### Body Features

Seal Type	Tape
-----------	------

### Contact Features

Solder Tail Contact Plating	Gold over Nickel
Contact Mating Area Plating Material	Gold
Auto-Insertable	No
Contact Current Rating	.1 A
Contact Base Material	Copper Alloy



### Termination Features

Termination Style	Outside L
-------------------	-----------

### Mechanical Attachment

Mounting Type	Surface Mount
---------------	---------------

### Housing Features

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

### Dimensions

Length	11.28 mm[.444 in]
--------	-------------------

### Usage Conditions

Operating Temperature Range	-30 – 85 °C
-----------------------------	-------------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	2000

### 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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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 260°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 Model / Part # 1571983-5  
GDH04STR04=DIP SWITCH



TE Model / Part # 1571983-3  
GDH02STR04=DIP SWITCH



TE Model / Part # 1571983-4  
GDH04S04=DIP SWITCH



TE Model / Part # 1-1571983-0  
GDH08S04=DIP SWITCH



TE Model / Part # 1977830-4  
DIP SWITCH GDH08SA04



TE Model / Part # 1977830-2  
DIP SWITCH GDH04SA04



TE Model / Part # 1977830-3  
DIP SWITCH GDH06SA04



TE Model / Part # 1977830-5  
DIP SWITCH GDH10SA04



TE Model / Part # 1-1571983-3  
GDH10S04=DIP SWITCH



TE Model / Part # 1977831-3  
DIP SWITCH GDH06SATR04



TE Model / Part # 1977830-1  
DIP SWITCH GDH02SA04



TE Model / Part # 1571983-9  
GDH06STR04=DIP SWITCH



TE Model / Part # 1571983-8  
GDH06S04=DIP SWITCH



TE Model / Part # 1-1571983-4  
GDH10STR04=DIP SWITCH



TE Model / Part # 1571983-1  
GDH02S04=DIP SWITCH



TE Model / Part # 1977831-1  
DIP SWITCH GDH02SATR04



TE Model / Part # 1977831-2  
DIP SWITCH GDH04SATR04

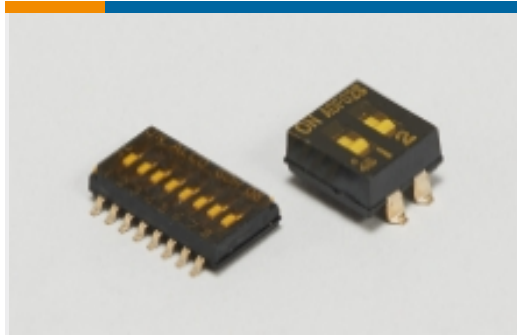


TE Model / Part # 1977831-4  
DIP SWITCH GDH08SATR04



TE Model / Part # 1977831-5  
DIP SWITCH GDH10SATR04

Also in the Series | **Alcoswitch DIP**



DIP & SIP Switches(256)

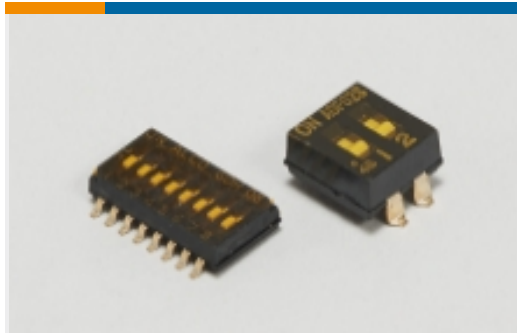


Rotary Switches(34)



Switch Boots & Accessories(1)

Also in the Series | **Alcoswitch DIP GDH**



DIP & SIP Switches(21)

Customers Also Bought



TE Model / Part #2-5767004-2  
MICTOR RECEPT ASSY, 38 POS.



TE Model / Part #3-1827253-6  
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



TE Model / Part #1981584-1  
MICRO USB, TYPE A/B, GRAY



TE Model / Part #1571983-5  
GDH04STR04=DIP SWITCH



## Documents

### Product Drawings

#### GDH08STR04=DIP SWITCH

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1-1571983-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-1571983-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-1571983-1\\_B.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

### Product Environmental Compliance

#### MD\_1-1571983-1\_07022014101\_dmtec

English

#### MD\_1-1571983-1\_07022014101\_dmtec

English