

1825256-6 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch MHS](#)

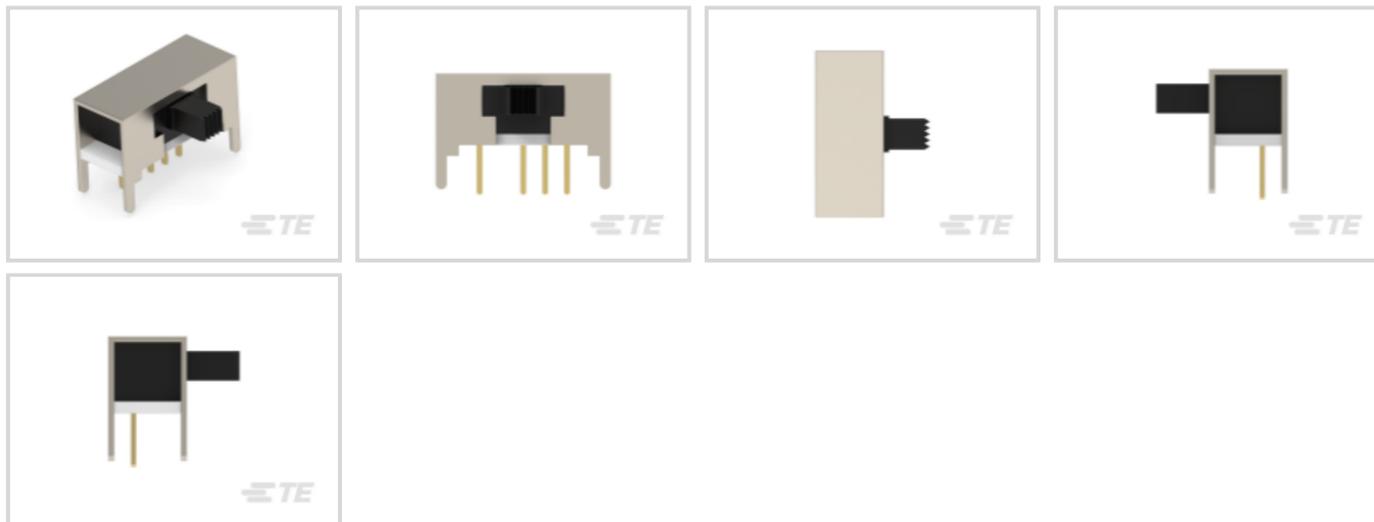
TE Internal #: 1825256-6

Slide Switches, Single Pole - Three Throw Configuration (Pole-Throw), Right Angle, Copper Alloy, Single Actuator, 3 Position, On On On, Alcoswitch MHS

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Slide Switches



Configuration (Pole-Throw): **Single Pole - Three Throw**

Slide Switch Mounting Angle: **Right Angle**

Contact Base Material: **Copper Alloy**

Number of Actuators: **Single**

Number of Slide Switch Positions: **3**

Features

Product Type Features

Threaded Case	Without
Grade	Instrumentation
Switch Type	Slide
Product Type	Switch
Switch Style	Low Profile
Terminal Configuration	Standard
Actuator Style	Side

Configuration Features

Terminals Connected	2-1
Configuration (Pole-Throw)	Single Pole - Three Throw
Number of Actuators	Single
Number of Slide Switch Positions	3
Operating Function	On On On

Electrical Characteristics



Slide Switch Voltage Rating (VDC)	20
-----------------------------------	----

Body Features

Actuator Travel	2 mm[.079 in]
-----------------	---------------

Actuator Material	POM
-------------------	-----

Actuator Color	Black
----------------	-------

Contact Features

Contact Base Material	Copper Alloy
-----------------------	--------------

Slide Switch Contact Current Rating	.4 A
-------------------------------------	------

Switch Contact Plating Material	Gold
---------------------------------	------

Termination Features

Termination Type	PC
------------------	----

Mechanical Attachment

PCB Mount Retention	With
---------------------	------

PCB Mount Retention Type	Guide Post
--------------------------	------------

Slide Switch Mounting Angle	Right Angle
-----------------------------	-------------

Slide Switch Mounting Type	Through Hole
----------------------------	--------------

Dimensions

PCB Tail Length	3.51 mm[.138 in]
-----------------	------------------

Actuator Length	4.5 mm[.177 in]
-----------------	-----------------

Width	6.2 mm[.244 in]
-------	-----------------

Length	15 mm[.591 in]
--------	----------------

Industry Standards

UL Flammability Rating	UL 94HB
------------------------	---------

Packaging Features

Packaging Method	Tray
------------------	------

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: JUNE 2022
(224)
Candidate List Declared Against: JUL 2021
(219)
Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Wave solder capable to 265°C

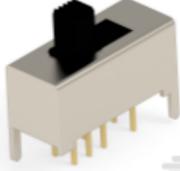
Product Compliance Disclaimer

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>

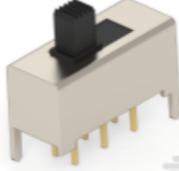
Compatible Parts



TE Part # 1825289-1
MHS22204=DPDT SL SW VERT AG



TE Part # 1825289-8
MHS23304=DP3T SL SW VERT AG



TE Part # 1825289-2
MHS222G04=DPDT SL SW VERT AU



TE Part # 1-1825289-0
MHS233K04=DP3T SL SW VERT AG



TE Part # 1825289-6
MHS223G04=DPDT SL SW VERT AU

Also in the Series | [Alcoswitch MHS](#)



Documents

Product Drawings

[MHS133GRA04=SP3T SL SW R/A AU](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1825256-6_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825256-6_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825256-6_B1.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English