



Relays, Contactors & Switches > Switches > Rotary Switches



Number of Rotary Switch Positions: 12

Actuator Style: **Metal Shaft**

Switch Style: **Rotary**

Rotary Switch Type: **Rotary**

Number of Switches: 12

Features

Product Type Features

Removable Tape Seal	Without
Product Type	Switch
Illuminated	No
Actuator Style	Metal Shaft
Switch Style	Rotary
Rotary Switch Type	Rotary
Sealed Rotary Switch	No
Code Type	BCD
Angle of Throw	30

Configuration Features

Number of Rotary Switch Positions	12
Number of Switches	12

Electrical Characteristics

Rotary Switch Voltage Rating	115 VAC
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Contact Features

Solder Tail Contact Plating	Gold over Nickel
Rotary Switch Contact Current Rating	2 A
Rotary Switch Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze

Mechanical Attachment

Rotary Switch Mounting Type	Through Hole
Rotary Switch Mounting Angle	Straight

Housing Features

Centerline	2.5 mm[.1 in]
Rotary Switch Housing Material	Polyester GF

Usage Conditions

Oil-Tight	No
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag/Box
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed
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 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.



Documents

Product Drawings

[SW ASSY 3100 12 POS BCD](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[AMP Rotary Programming Switch \(3100 Series\)](#)

English