Priority keylock switch - rectangular collar

1.10.119.467/0000

Included: 4 keys.

Key 1 switches to lock position 1, key 2 switches to lock positions 1 and 2, etc...

Mountingring nutTerminalssolder terminalsContact systemsliding contact, self cleaningContact functionlatchingContact arrangement1 NO at every switching positionContact materialsAu alloyIlluminationnoMechanical design of lockcylinder lock with pin tumblersLockcylinder lock with pin tumblersWafers5 pinsLock type5001Number of locking positions10,000Main keyyesSymmetric keyyesKey removal position0+1+2+3Mechanical characteristics0.035 NmOperating force max.1.8 NmElectrical characteristics35 VRated voltage AC/DC max.35 VRated voltage AC/DC max.100 mA	General information	
Length of collar 24 mm Width of collar 18 mm Overall height 7.5 mm Mounting depth 39.5 mm; with plug-in socket 41.25 mm Mounting hole 16.2 mm Mechanical design ring nut Mounting ring nut Terminals solder terminals Contact system sliding contact, self cleaning Contact system 1 NO at every switching position Contact arrangement 1 NO at every switching position Contact materials Au alloy Illumination no Mechanical design of lock cylinder lock with pin tumblers Lock cylinder lock with pin tumblers Wafers 5 pins Lock type 5001 Number of locking positions 10,000 Main key yes Symmetric key yes Symmetric key yes Operating force min. 0.035 Nm Operating force max. 1.8 Nm Electrical characteristics Rated voltage AC/DC max. Rated voltage AC/DC min. 5 V Rated voltage AC/DC max. 35 V	Form of collar	rectangular
Length of collar 24 mm Width of collar 18 mm Overall height 7.5 mm Mounting depth 39.5 mm; with plug-in socket 41.25 mm Mounting hole 16.2 mm Mechanical design ring nut Mounting ring nut Terminals solder terminals Contact system sliding contact, self cleaning Contact system 1 NO at every switching position Contact arrangement 1 NO at every switching position Contact materials Au alloy Illumination no Mechanical design of lock cylinder lock with pin tumblers Lock cylinder lock with pin tumblers Wafers 5 pins Lock type 5001 Number of locking positions 10,000 Main key yes Symmetric key yes Symmetric key yes Operating force min. 0.035 Nm Operating force max. 1.8 Nm Electrical characteristics Rated voltage AC/DC max. Rated voltage AC/DC min. 5 V Rated voltage AC/DC max. 35 V	Dimensions	
Width of collar 18 mm Overall height 7.5 mm Mounting depth 39.5 mm; with plug-in socket 41.25 mm Mounting hole 16.2 mm Mechanical design ring nut Mechanical design solder terminals Contact system solder terminals Contact system sliding contact, self cleaning Contact system latching Contact system 1 NO at every switching position Contact arrangement 1 NO at every switching position Contact materials Au alloy Illumination no Mechanical design of lock cylinder lock with pin tumblers Lock cylinder lock with pin tumblers Wafers 5 pins Lock type 5001 Number of locking positions 10,000 Main key yes Symmetric key yes Symmetric key yes Operating force min. 0.035 Nm Operating force max. 1.8 Nm Electrical characteristics 35 V Rated voltage AC/DC max. 35 V Rated voltage AC/DC max. 100 mA		24 mm
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Contact functionlatchingContact arrangement1 NO at every switching positionContact materialsAu alloyIlluminationnoMechanical design of lockLockcylinder lock with pin tumblersWafers5 pinsLock type5001Number of locking positions10,000Main keyyesSymmetric keyyesKey removal position0+1+2+3Mechanical characteristicsOperating force min.0.035 NmOperating force max.1.8 NmElectrical characteristicsRated voltage AC/DC max.35 VRated voltage AC/DC min.5 VRated current AC/DC max.100 mA	Terminals	solder terminals
Contact arrangement1 NO at every switching positionContact materialsAu alloyIlluminationnoMechanical design of lockLockcylinder lock with pin tumblersWafers5 pinsLock type5001Number of locking positions10,000Main keyyesSymmetric keyyesKey removal position0+1+2+3Mechanical characteristicsOperating force min.0.035 NmOperating force max.1.8 NmElectrical characteristicsRated voltage AC/DC max.35 VRated voltage AC/DC min.5 VRated current AC/DC max.100 mA	Contact system	sliding contact, self cleaning
Contact materials Au alloy Illumination no Mechanical design of lock	Contact function	latching
Illumination no Mechanical design of lock	Contact arrangement	1 NO at every switching position
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Lockcylinder lock with pin tumblersWafers5 pinsLock type5001Number of locking positions10,000Main keyyesSymmetric keyyesKey removal position0+1+2+3Mechanical characteristicsOperating force min.0.035 NmOperating force max.1.8 NmElectrical characteristicsRated voltage AC/DC max.35 VRated voltage AC/DC min.5 VRated current AC/DC max.100 mA	Machanical design of look	
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Operating force max. 1.8 Nm Electrical characteristics Rated voltage AC/DC max. 35 V Rated voltage AC/DC min. 5 V Rated current AC/DC max. 100 mA	Mechanical characteristics	
Electrical characteristics Rated voltage AC/DC max. 35 V Rated voltage AC/DC min. 5 V Rated current AC/DC max. 100 mA	Operating force min.	0.035 Nm
Rated voltage AC/DC max.35 VRated voltage AC/DC min.5 VRated current AC/DC max.100 mA	Operating force max.	1.8 Nm
Rated voltage AC/DC max.35 VRated voltage AC/DC min.5 VRated current AC/DC max.100 mA	Electrical characteristics	
Rated voltage AC/DC min.5 VRated current AC/DC max.100 mA		35 V
Rated current AC/DC max. 100 mA		
	Rated current AC/DC min.	5 mA

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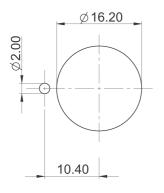


ESD strength max.	12 kV
Insulation resistance	6 x 10 ⁸ Ω
Contact resistance max.	200 mΩ

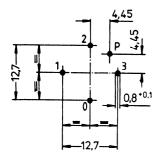
Other specifications

Other specifications	
Operating life (operations)	50,000 cycle
Degree of protection from front side	IP65 (DIN EN 60529)
Operation temperature min.	25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	40 °C
Storage temperature max.	+80 °C
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Soldering temperature max.	350 °C
Soldering time max.	<u>3 s</u>
Weight	29 g
Rotating angle	<u>3 x 90°</u>
ROHS compliant	yes
REACH compliant	yes

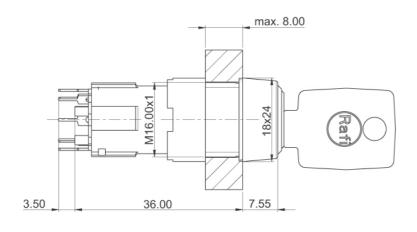
Panel cut-out

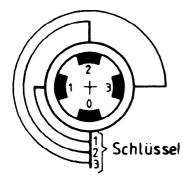


PCB hole pattern, sight on component side

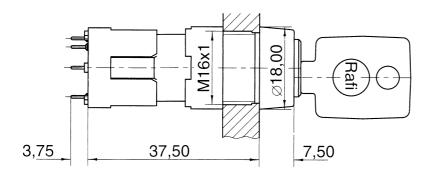








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