

KY98C044 CAPACITIVE SENSORS • INTEGRATED BUTTON

sensor capacitive, push button, M18x1, 22.5mm, 19-29V DC, -30°C, Relay contact Normally open/normally closed, Single cores 7pin 200m, IP67, Plastic Anodised, With LED display



MECHANICAL FEATURES

Ambient temperature-30 °C 70 °CButto designFlatCable length200 mmDesgree of protection (IP)IP67DesignCylinder, screw-threadFront ring onlorChromeFront ring materialMetalHousing coatingAnodizedHousing materialPlasticLens designRoundMax. tightening torque1 NmThread length10 mmThread size, metric18ELETCRICAL FEATURES30 mANumber of ontsc as change-over contact10 mANumber of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mASutable for illumination+Sutable for illumination4Sutable for illumination4Sutable for illumination5Sutable for illumination6Sutable for illumination6Sutable for illumination5Sutable for illumination5Sutable for illumination5Sutable for illumination5Sutable for illumination5Sutable for illumination5		
Cable length200 nmDegree of protection (IP)IP67DesignCylinder, screw-threadFront ring colorChromeFront ring materialMetalHole diameter22.5 mmHousing coatingAnodizedHousing materialPlasticLens designRoundMax. tightening torque1 NmThread length10 mmThread size, metric18ELECTRICAL FEATURES10 mANumber of contacts as change-over contact19.2 V 28.8 VNumber of prins7Reted switching current400 mANumber of prins1Reverse polarity protection+Scanning+Sutable for illumination+Sutable for illumination24 VSwitching function, latching-Type of switching function, latchingSingle coresType of switching functionKenrespolarity protectionSwitching function, latching-Type of switching functionKenrespolarity closedSwitching function, latching-Type of switching functionKenrespolarity closedType of switching functionKenrespolarity closedSwitching function, latching-Type of switching functionKenrespolarity closedType of switching functionKenrespolarity closedType of switching functionKenrespolarity closedType of switching functionKenrespolarity closedType of switching functionKenrespolarity closed </td <td>Ambient temperature</td> <td>-30 °C 70 °C</td>	Ambient temperature	-30 °C 70 °C
Degree of protection (IP)IP67DesignCylinder, screw-threadFront ring colorChromeFront ring materialMetalHole diameter22.5 mmHousing coatingAnodizedHousing coatingRoundMax. tightening torque1 NmThread length10 mmThread length1 amThread length1 amThread length30 mANumber of contacts as change-over contact1Number of contacts as change-over contact10 cmANumber of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAScanning+Sutable for illumination+Sutable for illumination24 VSwitching function, latching24 VSwitching function, latchingSingle coresType of switching functionSingle coresType of switching functionRelay contactValue of pingSingle coresSutable for illumination+Sutable for illumination+Sutable for illuminationSingle coresType of switching functionNormally open/normally closedType of switching functionRelay contactType of switching functionRelay contactValue of switching outputRelay contact	Button design	Flat
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Front ring materialMetalHole diameter22.5 mmHousing coatingAnodizedHousing materialPlasticLens designRoundMax. tightening torque1 NmThread length10 mmThread pitch1 mmThread size, metric18ELECTRICAL FFATURESNo-load current30 mANumber of pins7Rated sortrol supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAShort-circuit protection+Startel for illumination+Suitable for illumination+Suitable for illumination-Type of electrical connectionSingle coresType of switching functionSingle coresType of switching outputRelay contactVoltage dropSingle cores	Design	Cylinder, screw-thread
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Housing coatingAnodizedHousing materialPlasticLens designRoundMax. tightening torque1 NmThread length10 mmThread length1 mmThread size, metric18 ELECTRICAL FEATURES No-load currentNumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Suitable for illumination4Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionRelay contactType of switching outputRelay contactVoltage drop25 V	Front ring material	Metal
Housing materialPlasticLens designRoundMax. tightening torque1 NmThread length10 mmThread pitch1 mmThread size, metric18 ELECTRICAL FEATURES No-load current30 mANumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Sonning+Suitable for illumination4Suitable for illumination4Suitable for illumination5Suitable function, latching-Type of electrical connectionSingle coresType of switching functionRelay contactYou be get opp25.V	Hole diameter	22.5 mm
Lens designRoundMax. tightening torque1 NmThread length10 mmThread pitch1 mmThread size, metric18ELECTRICAL FEATURESNo-load currentNo-load current30 mANumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Sont-circuit protection+Suitable for illumination+Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching outputRelay contactVoltage drop2.5 V	Housing coating	Anodized
Max. tightening torque1 NmThread length10 mmThread pitch1 mmThread size, metric18ELECTRICAL FEATURESNo-load current30 mANumber of contacts as change-over contact1Number of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Housing material	Plastic
Thread length10 mmThread pitch1 mmThread size, metric18ELECTRICAL FEATURESNo-load currentNo-load current30 mANumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching outputRelay contactVoltage drop2.5 V	Lens design	Round
Thread pitch1 mmThread size, metric18ELECTRICAL FEATURESNo-load current30 mANumber of contacts as change-over contact1Number of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching outputRelay contactVoltage drop2.5 V	Max. tightening torque	1 Nm
Thread size, metric18ELECTRICAL FEATURESNo-load current30 mANumber of contacts as change-over contact1Number of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching outputRelay contactVoltage drop2.5 V	Thread length	10 mm
ELECTRICAL FEATURESNo-load current30 mANumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionRelay contactType of switching outputRelay contactVoltage drop2.5 V	Thread pitch	1 mm
No-load current30 mANumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionRelay contactType of switching outputRelay contactVoltage drop2.5 V	Thread size, metric	18
No-load current30 mANumber of contacts as change-over contact1Number of pins7Rated control supply voltage Us at DC19.2 V 28.8 VRated switching current400 mAReverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination+Suitable for illumination24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionRelay contactType of switching outputRelay contactVoltage drop2.5 V		
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Rated switching current400 mAReverse polarity protection+Scanning+Scont-circuit protection+Short-circuit protection+Suitable for illumination+Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V		7
Reverse polarity protection+Scanning+Short-circuit protection+Suitable for illumination+Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V		19.2 V 28.8 V
Scanning+Short-circuit protection+Suitable for illumination+Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Rated switching current	400 mA
Short-circuit protection+Suitable for illumination+Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Reverse polarity protection	+
Suitable for illumination+Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Scanning	+
Supply voltage of lamp24 VSwitching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Short-circuit protection	+
Switching function, latching-Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Suitable for illumination	+
Type of electrical connectionSingle coresType of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Supply voltage of lamp	24 V
Type of switching functionNormally open/normally closedType of switching outputRelay contactVoltage drop2.5 V	Switching function, latching	-
Type of switching outputRelay contactVoltage drop2.5 V	Type of electrical connection	Single cores
Voltage drop 2.5 V	Type of switching function	Normally open/normally closed
	Type of switching output	Relay contact
Voltage type DC	Voltage drop	2.5 V
	Voltage type	DC

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ELECTRICAL FEATURES

With LED display	+
OTHER FEATURES	
With front ring	+
Other	
Packaging dimensions	43.0mm x 43.0mm x 105.0mm
Shipping weight	0.03kg

Classification

ipf product group	700
eClass 8.0	27371228
eClass 9.0	27371228
eClass 9.1	27371228
ETIM-5.0	EC001028
ETIM-6.0	EC001028
ETIM-7.0	EC001028

Connection

	wн	white L+	L+
	BN	brown	L+
	вк	black relay 1 COM	
	вк	black relay 1 NO	
	YE	yellow relay 2 COM	
7	YE	yellow relay 2 NC	
	BU	blue L-	L-
			-

Dimensional drawing

Installation



Mounting / installation may only be carried out by a qualified electrician!





Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.

IPF ELECTRONIC

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