



Relays & Solenoids

SIL PCB Reed Relays

Detailed product specifications are available on: us.100y.com.tw



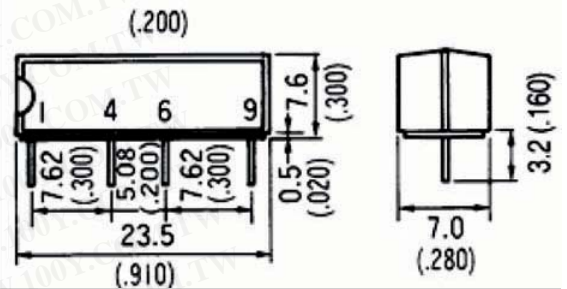
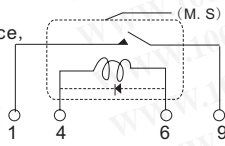
FEATURES:

- Various contact configurations
- Some models offer VDE compliance, i. e., 4000 VAC isolation
- Optional shielding and diodes
- UL models available

CONTACT RATINGS:

Power (W) max. : 10
 Voltage (VDC) max. : 200
 Switching current (A) max. : 0.5
 Carry current (A) max. : 1.0
 Contact resistance (ohms) max. (initial) : 0.2

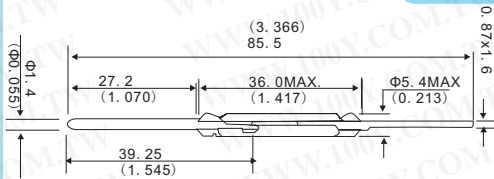
Operate time (mS) max (incl. bounce) : 1.0
 Release time (mS) max. : 0.5
 Electrical life: Low level: 10⁶ (10mVDC, 10μA)
 Rated load: 6x10⁶ (20VDC, 0.5A)



Part No.	Product No.	Description	L*W*H(mm)	Contact Type	Carry current (A)	Coil Volt.	Safety criterion
29349	SG1A05AWR	SIL PCB Reed Relay	23.5*7*7.6(mm)	1 Form A	1.0A	5V	UL
29345	SG1A05EWR	SIL PCB Reed Relay	23.5*7*7.6(mm)	1 Form A	1.0A	5V	UL
29348	SG1A05RWR	SIL PCB Reed Relay	23.5*7*7.6(mm)	1 Form A	1.0A	5V	UL

Glass Tube Reed Switches

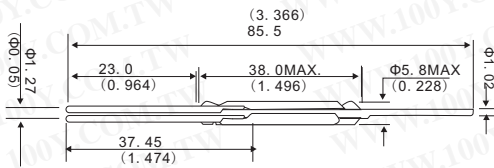
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Contact form: 1A
 Contact position*1: O
 Contact material: Rhodium
 Max. contact rating: 15W
 Max. switching voltage: 250VDC
 Max. switching current: 1A
 Max. Initial contact resistance: 60m ohms

Pull in value (AT): 30-120
 Min. drop out value (AT): 13
 Min breakdown voltage*2: 400VDC
 Max. contact capacitance: 0.8pF
 Min. insulation resistance: 10⁹ohms

Part No.	Product No.	Description	Max. switched Volt.	Max. switched cur.	Contact res.	Length glass
25983	HYR-4001	Reed Switches AT50-55	28V	0.25A	200mΩ	15.5mm



Contact form: 1C
 Contact position*1: O
 Contact material: Rhodium
 Max. contact rating: 10W
 Max. switching voltage: 250VDC
 Max. switching current: 0.5A
 Max. Initial contact resistance: 75m ohms

Pull in value (AT): 30-80
 Min. drop out value (AT): 15
 Min breakdown voltage*2: 500VDC
 Max. contact capacitance: 3.0pF
 Min. insulation resistance: 10⁹ohms

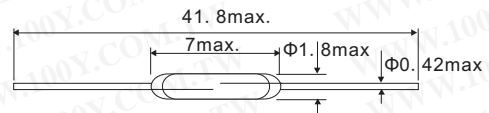
Part No.	Product No.	Description	Max. switched Volt.	Max. switched cur.	Contact res.	Length glass
17199	HYR-4003	Reed Switches Single pole, double throw	250VDC	0.5A	75mΩ	15.5mm



Contact form: 1A (SPST-NO)
 Contact position: SYM
 Contact material: Ru
 Contact rating: 1W
 Max. switching voltage: 24VDC/VAC
 Max. switching current: 0.1A
 Contact resistance (at initial value): 200mOhms
 Pull in value (AT): 7-35
 Drop out value (AT): 4
 Operation time: 0.3mSec. (Max.)

Release time: 0.1mSec. (Max.)
 Breakdown voltage: 150VDC
 Contact capacitance: 0.4pF
 Insulation resistance: 10⁹Ohms

Resonant frequency: 12kHz
 Operation frequency: 400Hz
 Electrical life: 5x10⁷ (50mV, 10mA)
 2x10⁷ (5V, 10mA)
 Safety: UL



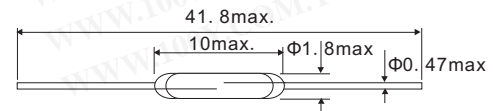
Part No.	Product No.	Description	Max. switched Volt.	Max. switched cur.	Contact res.	Length glass
33389	MKA-07101	Reed Switch (ROHS)	24Vdc/ac	0.1A	200 mOhms	7mm



Contact form: 1A (SPST-NO)
 Contact position: SYM
 Contact material: Ru
 Contact rating: 10W
 Max. switching voltage: 100VDC/VAC
 Max. switching current: 0.5A
 Contact resistance (at initial value): 100mOhms
 Pull in value (AT): 10-35
 Drop out value (AT): 4

Operation time: 0.5mSec. (Max.)
 Release time: 0.3mSec. (Max.)
 Breakdown voltage: 150VDC
 Contact capacitance: 0.5pF
 Insulation resistance: 10⁹Ohms

Resonant frequency: 5kHz
 Operation frequency: 400Hz
 Electrical life: 5x10⁶ (50mV, 5μA) 2x10⁶ (5V, 10mA)
 1x10⁶ (24V, 250mA)
 Safety: UL



Part No.	Product No.	Description	Max. switched Volt.	Max. switched cur.	Contact res.	Length glass
44020	MKA-10110	Reed Switch 10-15AT (ROHS)	100VDC/VAC	0.5A	100mOhms	10mm



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