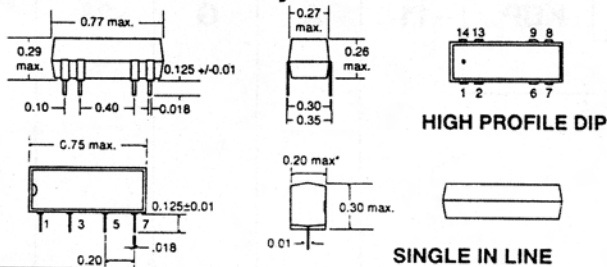


DIP - SIP Reed Relays



PART NUMBER	COIL VDC	CONTACT FORM	W/VA	MAXIMUM VDC	AMP
DIP					
3570 1210 051	5	1A	10	100	0.5
3570 1210 121	12	1A	10	100	0.5
3570 1210 241	24	1A	10	100	0.5
3572 1220 051	5	2A	10	100	0.5
3572 1220 121	12	2A	10	100	0.5
3572 1220 241	24	2A	10	100	0.5
3573 1231 051	5	1C	5	70	0.5
3573 1231 121	12	1C	5	70	0.5
3573 1231 241	24	1C	5	70	0.5
3565 1231 051	5	1C	20	100	1.0
3565 1231 121	12	1C	20	100	1.0
3565 1231 241	24	1C	20	100	1.0

WETTED CONTACT - NO BOUNCE - POSITION SENSITIVE

3585 1210 051	5	1A	30	350	0.75
3585 1210 121	12	1A	30	350	0.75
3585 1210 241	24	1A	30	350	0.75

SIP

3570 1331 051	5	1A	10	100	0.5
3570 1331 121	12	1A	10	100	0.5
3570 1331 241	24	1A	10	100	0.5

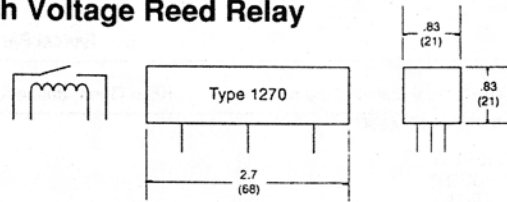
SIP - WETTED CONTACT - NO BOUNCE - POSITION SENSITIVE

3585 1331 051	5	1A	30	350	0.75
3585 1331 121	12	1A	30	350	0.75
3585 1331 241	24	1A	30	350	0.75

ULTRA SENSITIVE REED RELAY

SIP - 3.0V coil 5V tolerant. Operates directly from low voltage logic.
Part number DC10-1210-031-A.

High Voltage Reed Relay



H.V. CONTACT PARAMETERS

Contact Codes	92
Switching Voltage (KV)	10
Dielectric Strength (KV)	14
Switching Capacity (watts)	50
Maximum Current (amps)	3
Resistance (milli ohms)	250
Carrying Current (amps)	5

PART NUMBER	COIL VDC
3392 1270 056	5
3392 1270 126	12
3392 1270 246	24

Contact Form 1A

Solid State Relays

SWITCHING DC LOADS

DC LOADS VOLTS	AMPS	CONTROL DC VOLTS	PART No.
1-200	10A	3-32	WGF200D10
1-100	15A	3-32	WGF100D15
1-50	30A	3-32	WGF50D30

SWITCHING AC LOADS

AC LOAD VOLTS	AMPS	CONTROL AC VOLTS	PART No.
24-280	10A	90-280	WGA56A10
24-280	25A	90-280	WGA56A25
24-280	40A	90-280	WGA56A40

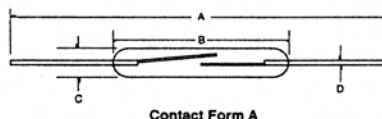
LOAD VOLTS	AMPS	CONTROL DC VOLTS	PART No.
24-280	10A	3-32	WGA56D10
24-280	25A	3-32	WGA56D25
24-280	40A	3-32	WGA56D40

Reed Switches

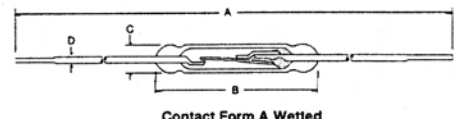
UL and CSA approved

				NORMALLY OPEN					HG
				MICROMINATURE		SUBMINIATURE		MINIATURE	WETTED
Parameters	Type	0213	0211	0219	0228	2322	2722	1025	
Contact Form		A	A	A	A	A	A	A	
Switching Capacity	max. W/VA	1	1	10	10	10	12	50	
Switching Voltage	max. V AC	24	24	100	100	100	230	350	
Switching Current	max. A	0.1	0.1	0.5	0.4	0.5	1.0	1.0	
Carrying Current	max. A	0.3	0.3	1.0	1.0	1.0	2.0	2.0	
Dielectric Strength	min. VDC	150	150	150	200	250	400	2100	
Contact Resistance	max. m Ohm	200	150	150	150	150	100	50	
Insulation Resistance	min. Ohm	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ¹¹	10 ⁹	
Pull-In Sensitivity	AT	10...40	10...30	10...30	10...30	15...35	20...50	35...55	
Operating Temperature Range	°C	-40...+150						-35...+125	
Dimensions									
Total Length	A	max. mm/inch	36/1.41	36/1.41	44/1.73	45/1.77	55/2.16	54/2.12	
Glass Length	B	max. mm/inch	7.0/0.275	10/0.39	12/0.47	14/0.55	14.1/0.55	18.5/0.72	
Glass Diameter	C	max. mm/inch	1.8/0.07	2.0/0.08	2.1/0.08	2.2/0.086	2.3/0.09	2.6/0.1	
Wire Diameter	D	max. mm/inch	0.30/0.01	0.4/0.015	0.5/0.02	0.50/0.02	0.55/0.02	0.38/0.015	

Additional Types on request

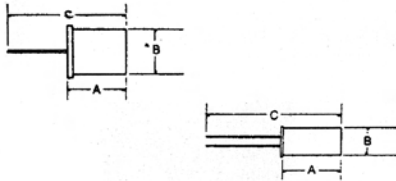


Contact Form A



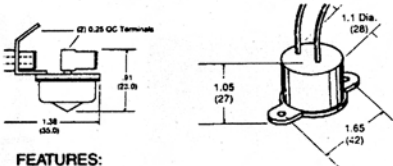
Contact Form A Wetted

METAL TILT SWITCHES General Purpose



PART No.	FIG.	A Inch (mm)	B Inch (mm)	C (mm)	MAX. DIFF. ANGLE	RATINGS (AMPS)						FEATURES
						AC			DC			
						30V	120V	240V	30V	120V	240V	
CM 100-0	1	.38 (9.7)	.32 (8.1)	.82 (20.8)	10°	2	1	.75	.7	.5	.2	Low Cost Stock Item
CM 1300-0	1			.88 (22.3)	10°	1	.5	.3	.5	.2	.1	Low Cost
CM 1323-0	2	.4 (10.2)	.19 (4.7)	.76 (19)	10°	.5	.25	.2	.5	.2	.1	Stock Item (2) Electrodes
CM 1320-0	2			1.075 (27)	10°	.5	.25	.2	.5	.2	.1	Stock Item (2) Electrodes

TIP-OVER SWITCHES



FEATURES:

These switches operate when tilted in any direction from their normally vertical position. Normally open (tilt to close) and normally closed (tilt to open) are available.

PART No.	TERMINAL STYLE	CONTACT	OPERATE ANGLE	RATINGS (AMPS)					
				AC			DC		
				30V	120V	240V	30V	120V	240V
CM 1535-75	Two .25" Male QC Terminals With Nylon Bushing for Mounting	N.C.	35° + - 10°	30	12.5	7	15	8	5
CM 1535-70	Epoxy Seated Plastic Housing Mount on Horizontal Surface	N.C.	35° + - 10°	30	12.5	7	15	8	5
CM 1445-0	Single Electrode	N.O.	45° + - 10°	2	1	-	0.7	0.5	-
CM 1490-0		N.C.	45° + - 15°	2	1	-	0.7	0.5	-

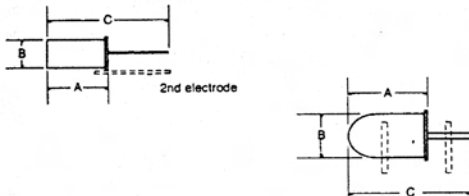


N.C.
TILT TO OPEN
CM 1490-0



N.O.
TILT TO CLOSE
CM 1445-0

NON-MERCURY TILT SWITCHES



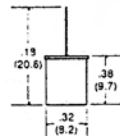
PART No.	FIG.	A B C			MAX. DIFF. ANGLE	RATINGS (AMPS)	FEATURES
		Inch (mm)					
CW 1300-0	1	.40	.19	.88	15°	60V AC/DC max. 3 VA max. 0.25 Amp max. 30 Ohm max. resistance	Single Electrode
CW 1300-1	1	(10)	(4.7)	(22)			2nd Electrode on case
CW 1600-0	2	.22	.14	0.34	15°	60V max. 30 VA max. 0.25 Amp max.	Miniature 30 ohm max.
CW 1600-1	2	(5.6)	(3.5)	(8.7)			

MOTION/VIBRATION SENSORS

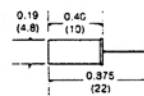
Designed for applications having the need to sense when the system is at rest or in motion.

FOR USE IN:

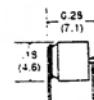
- Smart Appliances** - Turns off power when not in use.
- Portable Devices** - Conserves battery power.
- Anti-Theft** - Sounds alarm if unit is moved by unauthorised person.
- Man-Down Alarm** - Detects if the user has not moved within a set time period.



CM4400-0
Mercury Contact
Always OFF when at rest



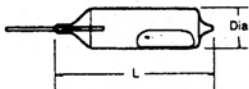
CW1300-0*
Non-Mercury Contact
May be ON or OFF when at rest



CM1800-1
Mercury Contact
May be ON or OFF when at rest

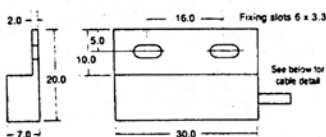
Movement causes intermittent contact

GLASS TILT SWITCHES

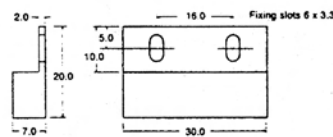


PART No.	L DIA		MAX. DIFF. ANGLE	RATINGS (AMPS)						FEATURES	Mount Clips
	Inch (mm)			AC			DC				
				30V	120V	240V	30V	120V	240V		
CB 17-0	1.38 (35)		10°	6	3	2	4	2	1	Low Cost Standard	
CB 17-1	1.5 (38)		10°	6	3	2	4	2	1	7" Flex Lead Wire	
CB 51-0	1.0 (25.4)	.32 (8.1)	2°	3	1	.5	2	.5	.1	Low Angle	3BH
CB 51-1	1.2 (30.5)		2°	3	1	.5	2	.5	.1	7" Flex Lead Wire	
CA 20-0	.5 (3.9)	.155 (3.9)	10°	.25	.1	.05	.15			Smallest Switch	

Magnetic Proximity Switches



PSA 100/30 PSA 240/30
PSB 175/30 PSC 175/30



PSM
MAGNET

PART No.	FORM	CONTACT RATING - MAX.			
		VA	VOLTS	AMP	
PSA 100/30	1A	5	100	0.25	
PSA 240/30	1A	10	240	0.50	
PSC 175/30	1C	5	175	0.25	
PSM		MAGNET			