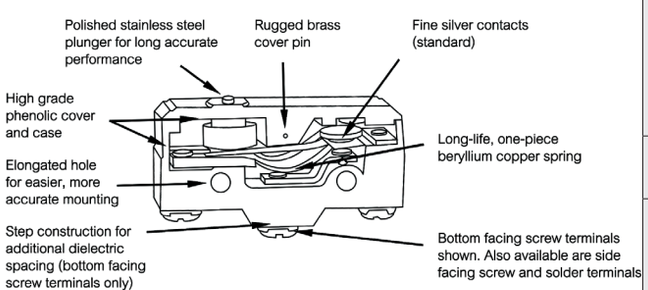
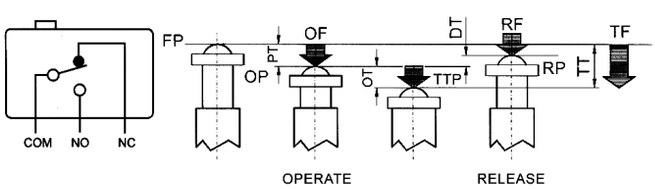
MAIN FEATURES :

- ✓Various Actuators, action position is adjustable (such as CM1701)
- ✓High switch on and off capacity(15A)
- ✓High accuracy
- ✓Wide range of operation speed





OF : Operating Force
RF : Releasing Force
TF : Total Force
FP : Free Position
OP : Operating Position
RP : Releasing Position

TTP : Total Travel Position
PT : Pretravel
OT : Overtravel
DT : TravelDifferential
TT : Total Travel

Characteristics

Operating speed	0.01mm to 1m/sec
Operating frequency	Mechanical : 240 operations/min. Electrical : 20 operations/min.
Contact resistance	15M Ω max. (initial value)
Insulation resistance	100M Ω min. (at 500 VDC)
Dielectric strength	1000 VAC, 50/60 Hz for 1 minute between terminals of the same polarity 1500 VAC, 50/60 HZ for 1 minute between current-carrying and noncurrent-carrying metal parts 1500 VAC, 50/60 HZ for 1 minute between each terminal and ground
Vibration	Malfunction durability : 10 to 55Hz; 1.5mm double amplitude
Shock resistant	Mechanical durability : Approx. 1,000m/sec2 (approx. 100G's) Malfunction durability : Approx. 300m/sec2 (approx. 30G's)
Ambient temperature	General purpose type : -25℃ to +80℃ (With no icing) Sealed type : -15℃ to +80℃ (With no icing)
Humidity	General purpose type : 85%RH max. Sealed type : 95%RH max.
Service life	Mechanically : 20,000,000 operations min. (at rate OT value) Electrically : 500,000 operations min.

Rated Voltage	Non-inductive load				Inductive load			
	Resistive Load		Lamp Load		Inductive load		Motor Load	
	NC	NO	NC	NO	NC	NO	NC	NO
125 VAC	15	15	3	1.5	15	15	5	2.5
250 VAC	15	15	2.5	1.25	15	15	3	1.5
8 VDC	15	15	3	1.5	15	15	5	2.5
30 VDC	6	6	3	1.5	5	5	5	2.5
125 VDC	0.4	0.4	0.4	0.4	0.05	0.05	0.05	0.05

Types of actuator	Model	OF max (g)	RF min (g)	PT max (mm)	OT min (mm)	MD max (mm)	FP max (mm)	OP (mm)
Pin plunger	CM1300	350	114	0.4	0.13	0.05	-	15.9 ± 0.4
Overtravel plunger	CM1305	350	114	0.4	1.6	0.05	-	28.2 ± 0.5
Compact Overtravel plunger	CM1306	350	114	0.4	1.6	0.05	-	21.5 ± 0.5
Panel mount plunger	CM1307	350	114	0.4	5.5	0.05	-	21.8 ± 0.8
Panel mount roller plunger	CM1308	350	114	0.4	3.58	0.05	-	33.4 ± 1.2
Panel mount cross roller plunger	CM1309	350	114	0.4	3.58	0.05	-	33.4 ± 1.2
Rigid lever	CM1701	70	14	10	5.6	1.27	28.2	19 ± 0.8
Rigid roller lever	CM1703	160	22	7.1	4	1.02	36.5	30.2 ± 0.8
Rigid short roller lever	CM1704	160	42	2.7	2.4	0.5	32.5	30.2 ± 0.4
Low force wire hinge lever	CM1705	10	3	20	5.6	3	-	19 ± 0.8
Hinge roller lever	CM1743	160	42	2.7	2.4	0.5	43.6	43.1 ± 0.8

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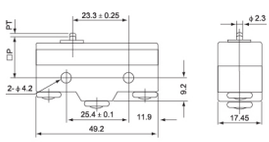
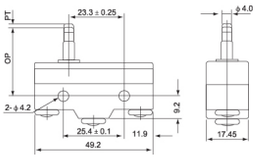
CE

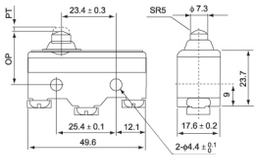
CM-1300



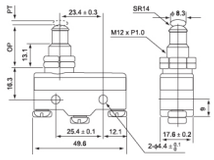
CM-1305



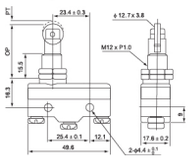
CM-1306



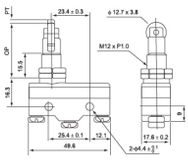
CM-1307

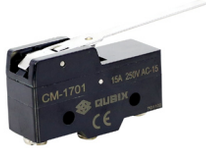


CM-1308

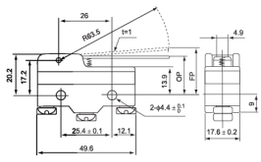


CM-1309

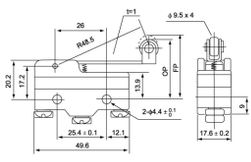




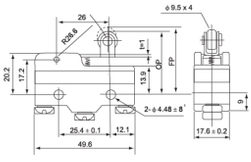
CM-1701



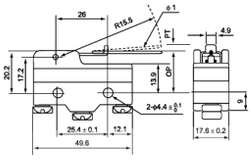
CM-1703



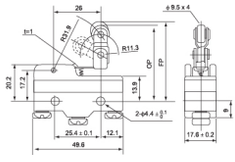
CM-1704



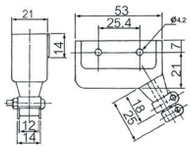
CM-1705



CM-1743



CAP-Y



CM-1300 Series / CM-1700 Series

รุ่น (Model)	ลักษณะ หน้าสัมผัสทำงาน	Rated Current / Voltage	Contact Type	Terminal Type	Packing Pcs/Box
CM-1300	Pin Plunger	15A / 250V	SPDT 1NO, 1NC	SCREW TYPE	20
CM-1305	Overtravel Plunger	15A / 250V	SPDT 1NO, 1NC		20
CM-1306	Compaq Overtravel Plunger	15A / 250V	SPDT 1NO, 1NC		20
CM-1307	Panel Mount Plunger	15A / 250V	SPDT 1NO, 1NC		20
CM-1308	Panel Mount Roller Plunger	15A / 250V	SPDT 1NO, 1NC		20
CM-1309	Panel Mount Cross Roller Plunger	15A / 250V	SPDT 1NO, 1NC		20
CM-1701	Rigid Lever	15A / 250V	SPDT 1NO, 1NC		20
CM-1703	Rigid Roller Lever	15A / 250V	SPDT 1NO, 1NC		20
CM-1704	Rigid Short Roller Lever	15A / 250V	SPDT 1NO, 1NC		20
CM-1705	Low Force Wire Hinge Lever	15A / 250V	SPDT 1NO, 1NC		20
CM-1743	Hinge Roller Lever	15A / 250V	SPDT 1NO, 1NC		20
CAP-Y	Terminal Cover	-	-		20