

# KZ-8 Limit Switch



## Features

Double circuit type of limit switch Highly rigid construction, consists of intensive plastic and aluminum cast (Head and cover snugly fit in box) Small volume, water-proof and oil-proof construction Built-in basic switch with double spring mechanism, longer mechanical life Smooth operation with greater OT Easy-to-wire circuit opening design Wide variety of actuators, easily use

## Contact Form



## Characteristics

## Ratings

Rated voltage	Noninductive Load (A)				Inductive Load (A)			
	Resistance Load		Lamp Load		Inductive Load		Motor Load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VA C 250VA C 500VA C	5.5	5.5	1.5	0.7	3.3	3.3	2	1
8VDC 14VDC 30VDC 125VDC 250VDC	5.5 0.4 0.2	5.5 0.4 0.2	3.3 3	3.3 3	5.4 4	4.4 4	3.3 3	3.3 3
Inrush Current	N.C: below 24A, N.O: below 12A							

Operation speed	0.5mm-50cm/sec
Operating frequency Contact resistance	Mechanical: 120 operations/minute Electrical: 30 operations/minute 25m max. (initial value)
Insulation resistance	100m min. at 500VDC
Dielectric strength	1500VAC, 50/60 HZ for 1 minute between terminals of the same polarity 1500VAC, 50/60 HZ for 1 minute between each terminal and ground
Vibration	10-55HZ, 1.5mm double amplitude
Shock	Mechanical durable: 1,000m/Sec <sup>2</sup> (about 100G'S) Malfunction: 300m/Sec <sup>2</sup> (about 30G'S)
Ambient temperature	-5 to +65
Humidity	<95% RH
Life	Mechanical: 10,000,000 operations above Electrical: 500,000 operations above
Weight	About 130 to 190g
Degree of protection	IP65

## Operating characteristics

Models	KZ-8104	KZ-8108	KZ-8107	KZ-8111	KZ-8112/8122	KZ-8166/8167/8168/8169
OF Max.	750g	750g	750g	900g	900g	150g
RF Min.	100g	100g	100g	150g	150g	-
PT Max.	20	20	20	1.5mm	1.5mm	30mm
OT Min.	50	50	50	4mm	4mm	-
MD Max.	12	12	12	1mm	1mm	-
OP	-	-	-	26 0.8mm	37 0.8mm	-

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## Appearance and dimension

