

COMPACT ELECTRIC ACTUATOR (20Nm to 80Nm)

Plastic intermediate cap

There will be no rubbing off even when used for a long period or exposure to sunlight by the use of plastic cap, a non-printing method.

Terminal Box

Safe and simple wiring is possible by just opening the terminal box without the need of opening & closing whole product. (except KE002)

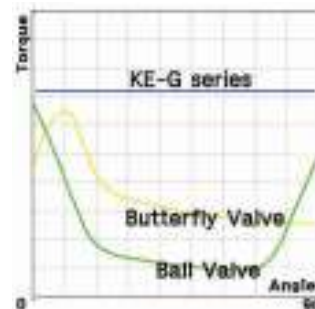


Dome type indicator

Since indicator is exposed to the outside, it is easy to check the status of opening and closing of the valve at a distance.

Captive bolt

Bolts shall not be lost even though the cover is opened for wiring.



► PERFORMANCE

► KE002/KE004/KE006/KE008 (Single-voltage Type)

MODEL	MAX TORQUE (Nm)	OP. TIME 50Hz/60Hz(sec)	RATED CURRENT(A)			MOTOR CONDITION	MOTOR CLASS/OUTPUT (AC · DC)	No. OF HANDLE TURNS
			AC(1PH) 50/60Hz		DC			
			110V	220V	24V			
KE002-6G	20	17.5/14.5	0.29/0.25	0.12/0.1	1.5	DUTY 40%	E · B/10W · 10W	3
KE002-5G	10	7/6	0.29/0.25	0.12/0.1	1.5	DUTY 40%	E · B/10W · 10W	3
KE004-5G	40	12/10	0.67/0.6	0.23/0.2	2.0	DUTY 40%	E · B/10W · 10W	3
KE004-4G	15	8.5/7	0.67/0.6	0.23/0.2	2.0	DUTY 40%	E · B/10W · 10W	3
KE006-6G	60	18/15	0.67/0.6	0.23/0.2	2.0	DUTY 40%	E · B/10W · 10W	3
KE006-5G	25	8/6.5	0.67/0.6	0.23/0.2	2.0	DUTY 40%	E · B/10W · 10W	3
KE008-6G	80	17/14	0.53/0.50	0.33/0.29	2.5	DUTY 40%	F · B/10W · 10W	20
KE008-5G	40	8/6	0.53/0.50	0.33/0.29	2.5	DUTY 40%	F · B/10W · 10W	20

*Maximum current can be +30% from Rated current.

► KE005 (Multi-voltage type)

MODEL	MAX TORQUE (Nm)	OP. TIME 50Hz/60Hz (sec)	RATED CURRENT (A)		MOTOR CONDITION	MOTOR CLASS/OUTPUT (AC · DC)	No. OF HANDLE TURNS
			100V~250V AC	24V DC*			
KE005-8G	50	13	0.1~0.25	2.0	DUTY 40%	B · B/10W · 10W	18
KE005-7G	20	6	0.1~0.25	2.0	DUTY 40%	B · B/10W · 10W	18

*24V DC is Control Board embedded.

*Maximum current can be +30% from Rated current.

► STANDARD SPECIFICATION

► KE002/KE004/KE006/KE008

#Option

ENCLOSURE	WEATHER PROOF IP67
MAIN POWER	110V, 220V AC 1PH 50Hz/60Hz, 24V DC
MOTOR CONDITION	DUTY 40%
INDICATOR	DOME TYPE MECHANICAL INDICATOR
LIMIT SWITCHES	2EACH FOR OPEN & CLOSE SPDT 240VAC/5A (Except KE002)
MANUAL OPERATION	(KE002~006) BY SPANNER 5mm (KE008) BY WRENCH 5mm (HEX.)
TRAVEL ANGLE	90°±5°
AMBIENT TEMPERATURE	-20℃~+60℃
EXTERNAL COATING	POWDER COATING
INSIDE HEATER	(KE002~006) N/A (KE008) 1PH 220V/110V AC (Only AC)
ISO5211,CH STEM, WEIGHT	(KE002) F03/F05, CH 11*11 DP15 0.9Kg (KE004) F03/F05/F07, CH 11*11 DP15, 1.5Kg #CH 14*14 DP16 (KE006) F03/F05/F07, CH 14*14 DP16 1.9Kg (KE008) F03/F05/F07, CH 14*14 DP16/ #F05/07, CH 17*17 DP19, 2.6Kg
CABLE ENTRY	(KE002) CABLE WIRE TYPE (PG11 WIRE 1000mm) (KE004/KE006) TERMINAL BOX TYPE (1-PF1/2) (KE008) TERMINAL BOX TYPE (2-PF1/2)

► KE005

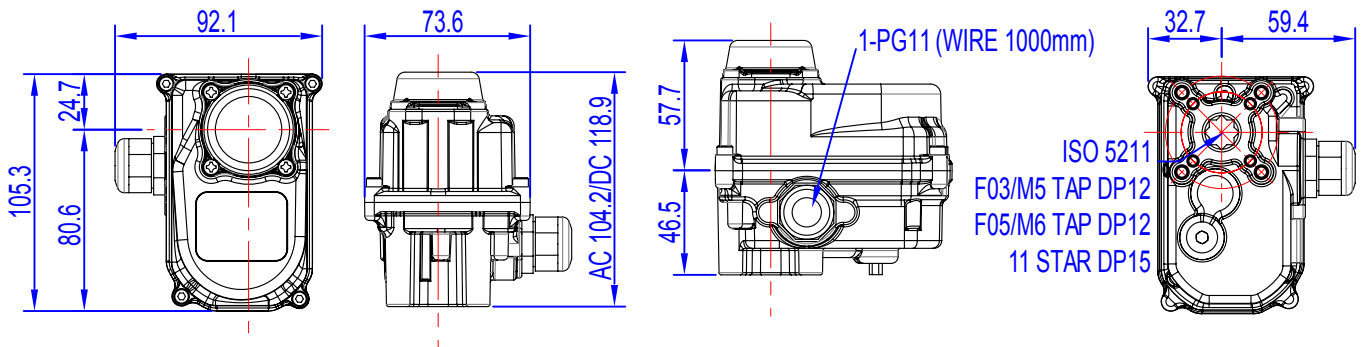
#Option

ENCLOSURE	WEATHER PROOF IP67
MAIN POWER	110V, 220V, AC 1PH, 50Hz/60Hz, 24V DC
MOTOR CONDITION	DUTY 40%
INDICATOR	DOME TYPE MECHANICAL INDICATOR
LIMIT SWITCHES	2EACH FOR OPEN & CLOSE (SPDT 250VAC/5A)
MANUAL OPERATION	BY WRENCH 5mm (HEX.)
TRAVEL ANGLE	90°±5°
AMBIENT TEMPERATURE	-20℃~+60℃
EXTERNAL COATING	POWDER COATING
INSIDE HEATER	HEATING ELEMENT ON PCB (Only AC)
ISO5211,CH STEM, WEIGHT	F03,F05,F07, CH 14*14 DP17, 1.3Kg #CH 11*11 DP15
CABLE ENTRY	TERMINAL BOX TYPE (1-PF1/2", #2-PF1/2")

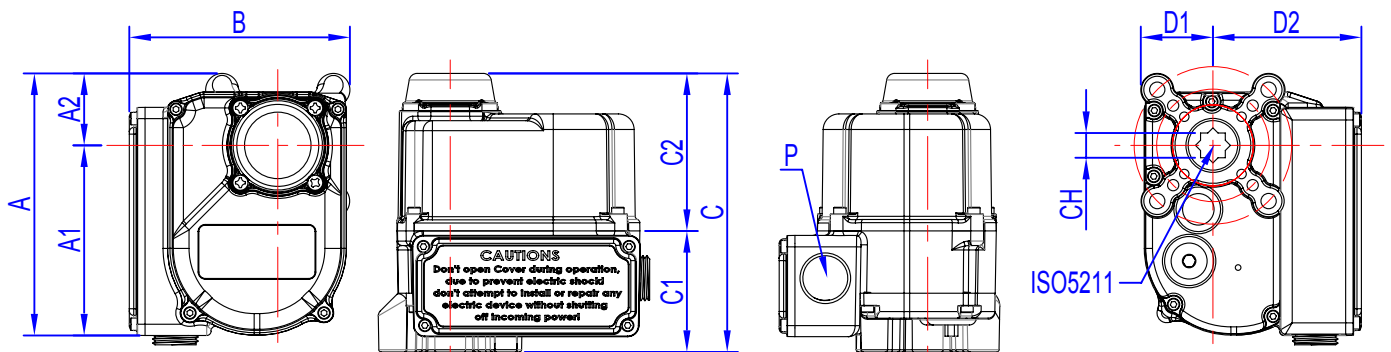
-There is a extra charge for 2-PF1/2".

► DIMENSION

KE002



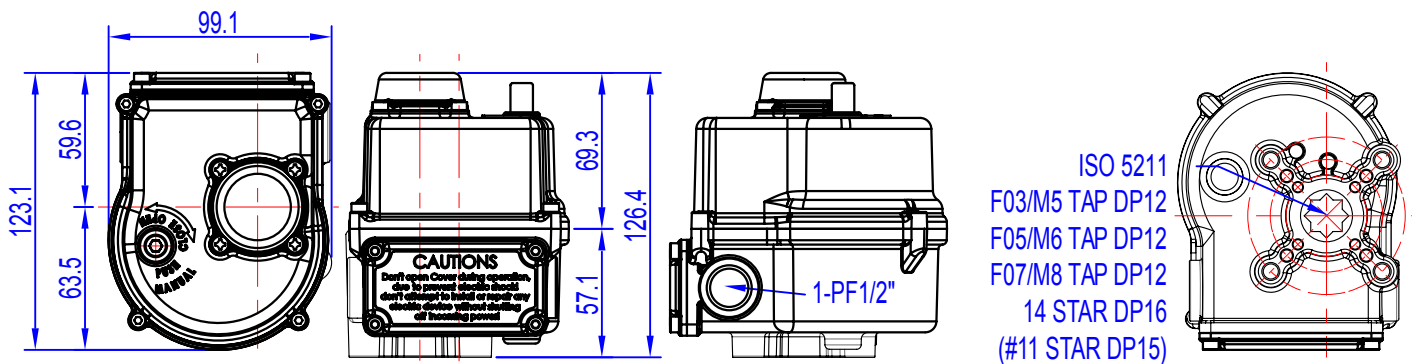
KE004/KE006/KE008



MODEL	A	A1	A2	B	C	C1	C2	ISO5211	P.C.D	N-M	CH	DTH	P
KE004	116.5	32	84.5	98.1	123.8	53.8	70	F03/F05/F07	36/50/70	4-M5/M6/M8	11*11 #14*14	15 16	1-PF1/2"
KE006	122	34.2	97.9	111.3	59	75.5	134.5	F03/F05/F07	36/50/70	4-M5/M6/M8	14*14	16 16	1-PF1/2"
KE008	125.3	33.7	91.6	122.3	81.5	74	155.5	¹⁾ F03/F05/F07	36/50/70	4-M5/M6/M8	14*14	16	2-PF1/2"
								¹⁾ #F05/07	50/70	4-M6/M8	17*17	19	

1)You can choose only F03/F05/F07 with 14*14 or F05/f07 with 17*17.

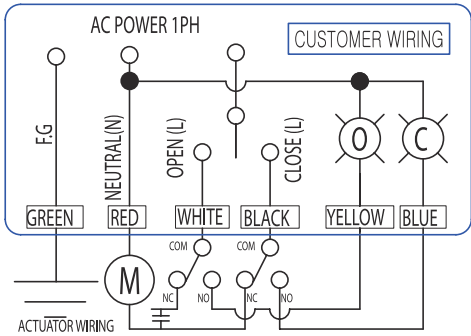
KE005



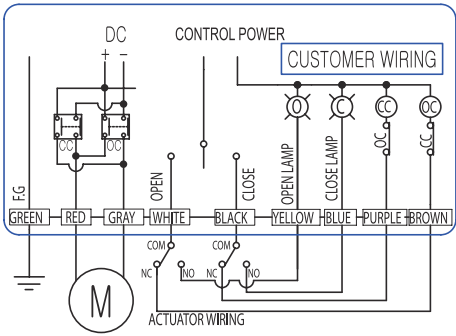
►Wiring

KE002

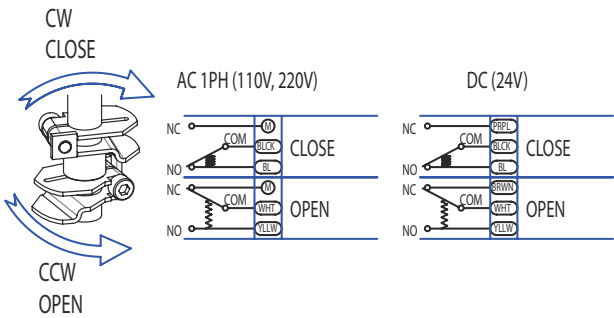
► AC 1PH



► DC 24V



► SWITCH WIRING (POSITION : FULL CLOSE)

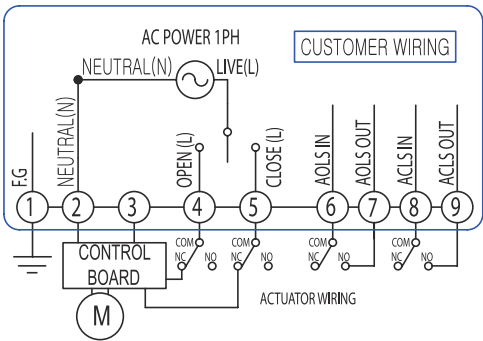


► LIMIT SWITCH OPERATION

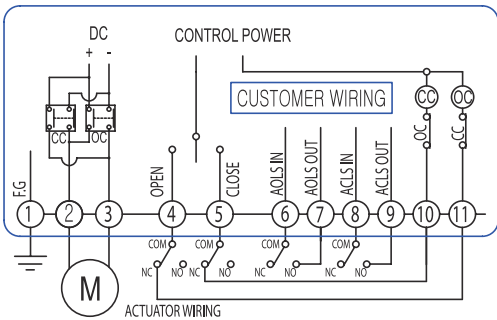
SWITCH	CLOSE	INTERMEDIATE	OPEN
CLS COM-NC			
CLS COM-NO			
OLS COM-NC			
OLS COM-NO			

KE004/KE006

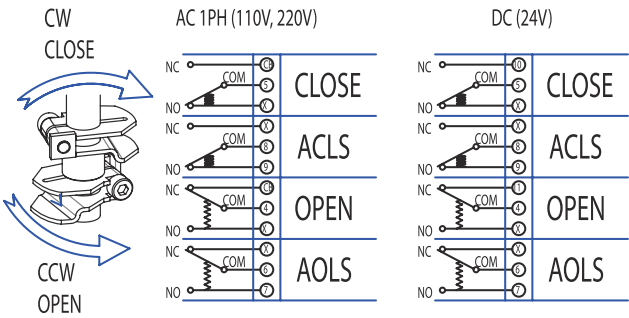
► AC 1PH



► DC 24V



► SWITCH WIRING (POSITION : FULL CLOSE)

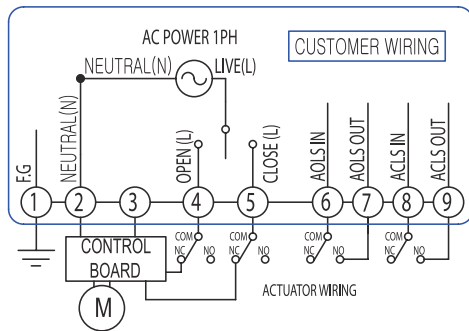


► LIMIT SWITCH OPERATION

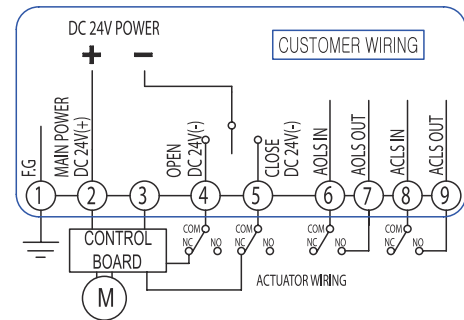
SWITCH	CLOSE	INTERMEDIATE	OPEN
CLS COM-NC			
CLS COM-NO			
ACLS COM-NC			
ACLS COM-NO			
OLS COM-NC			
OLS COM-NO			
AOLS COM-NC			
AOLS COM-NO			

KE005

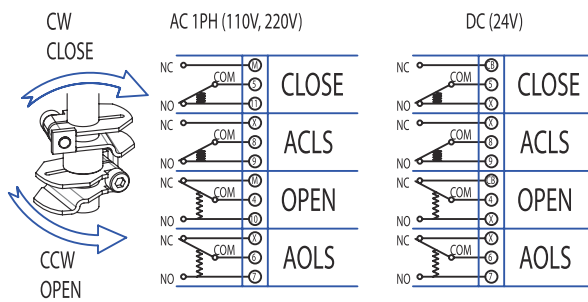
► AC 1PH



► DC 24V



► SWITCH WIRING (POSITION : FULL CLOSE)

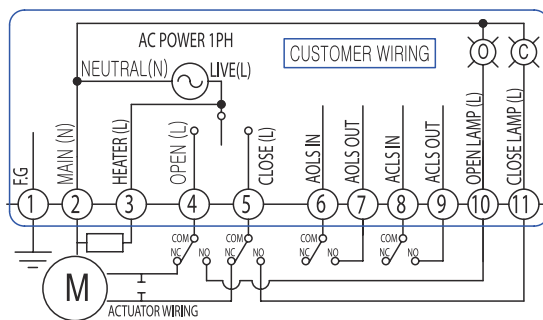


► LIMIT SWITCH OPERATION

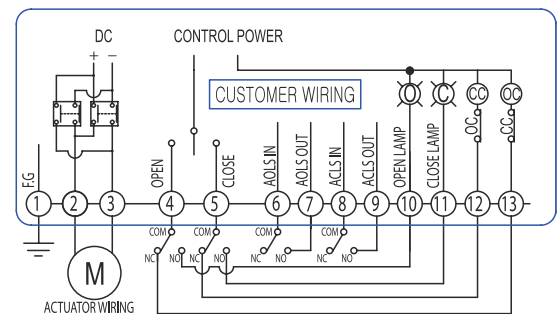
SWITCH	CLOSE	INTERMEDIATE	OPEN
CLS COM-NC			
CLS COM-NO			
ACLS COM-NC			
ACLS COM-NO			
OLS COM-NC			
OLS COM-NO			
AOLS COM-NC			
AOLS COM-NO			

KE008

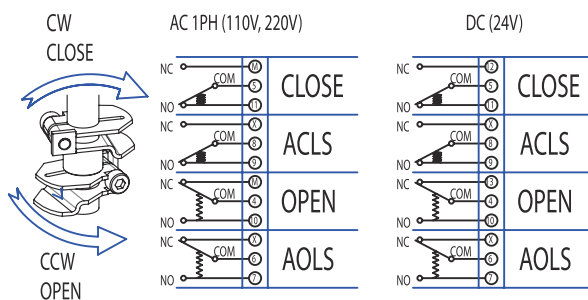
► AC 1PH



► DC 24V



► SWITCH WIRING (POSITION : FULL CLOSE)



► LIMIT SWITCH OPERATION

SWITCH	CLOSE	INTERMEDIATE	OPEN
CLS COM-NC			
CLS COM-NO			
ACLS COM-NC			
ACLS COM-NO			
OLS COM-NC			
OLS COM-NO			
AOLS COM-NC			
AOLS COM-NO			