INDELAC CONTROLS

MADE IN U.S.A PRODUCT

Standard Actuator Model Number Guide

Use the color coded step by step process below to build standard actuator model numbers. Complete steps 1 - 5, then from steps 6 - 27 skip any steps that are not required for your application. This guide *cannot* be used to build model numbers for spring return actuators, pneumatic actuators, limit switches, safe & secure series actuators, linear actuators, battery backup systems, or control panels.

STEPS:											
	SERIES	NEMA ENCLOSURE RATING	MOTOR VOLTAGE CODE	ISO 5211 MOUNTING	-	CYCLE TIME	COATINGS	AUX. SWITCHES	MANUAL OVERRIDE	BRAKES	POT.
	1	2	3	4	-	5	6	7	8	9	10
	POSITIONERS	SPEED CONTROL	TIMER	MULTI-POSITION	POSITION INDICATION	POWER SUPPLY	ADDITIONAL CONDUIT ENTRY	SPECIAL MOUNTING PAD	END STOP	TEMP. CONTROL	MULTI-TURN
	11	12	13	14	15	16	17	18	19	20	21
	REVERSING CONTACTOR	TRANS-FORMER	TORQUE SENSOR	TWO-WIRE CONTROL	TWO-WIRE CONTROL ENCLOSURE	REMOTE/ OFF/ LOCAL					
	22	23	24	25	26	27					

Chart 1:		Chart 2: Motor Voltage Codes & Cycle Times (seconds / 90°)								
Torque (IN-LBS.)	Series	24 Vac A	115 Vac B	115 Vac EXT. Duty B	208 Vac J	230 Vac C	230 Vac 3 Phase G2	460 Vac 3 Phase G4	12 Vdc D	24 Vdc E
100	R	2.9	2.5	2.5	2.5	2.5	N/A	N/A	2.9	2.9
100	RXP	2.9	2.5	2.5	2.5	2.5	N/A	N/A	2.9	2.9
200	SD	9	5	10	5	5	N/A	N/A	5	9
200	SR	9	5	10	5	5	N/A	N/A	5	9
300	SDX	9	5	10	5	5	N/A	N/A	5	9
300	SX	9	5	10	5	5	N/A	N/A	5	9
400	MS	18	10	20	10	10	N/A	N/A	10	18
675	MR	30	15	30	15	15	N/A	N/A	15	30
700	LA	5	5	5	5	5	N/A	N/A	5	5
700	LA F10	5	5	5	5	5	N/A	N/A	5	5
1000	ML	30	15	30	15	15	N/A	N/A	15	30
1200	LX	5	5	5	5	5	N/A	N/A	5	5
1200	LX F10	5	5	5	5	5	N/A	N/A	5	5
1500	MH	60	30	60	30	30	N/A	N/A	30	60
2000	LA	12	12	12	12	12	N/A	N/A	12	12
2000	LA F10	12	12	12	12	12	N/A	N/A	12	12
3840	LX	14	14	14	14	14	N/A	N/A	14	14
3840	LX F10	14	14	14	14	14	N/A	N/A	14	14
5000	5K	38	38	38	38	38	38	38	38	38
7040	7K	38	38	38	38	38	38	38	38	38
11500	12K	51	51	51	51	51	51	51	51	51
14040	14K	38	38	38	38	38	38	38	38	38
19020	19K	114	114	114	114	114	114	114	114	114
27300	27K	136	136	136	136	136	136	136	136	136

STEP 1:	SEE CHART 1 ABOVE *(CHOOSE SERIES BY VALVE TORQUE, MUST INCLUDE A 25% SAFETY FACTOR)*
STEP 2:	TYPE 4 = 4 | TYPE 4X = 4X | TYPE 7 = 7 | TYPE 4 & 7 = 4/7 | TYPE 4X & 7 = 4X/7 | TYPE 6 = 6 *(M SERIES ONLY)* *(RXP NEMA 7 STANDARD)*
STEP 3:	SEE CHART 2 ABOVE
STEP 4:	R SERIES = F03, F04 OR F03/F04 | SR & SX SERIES = F05 | M SERIES = F07 | ALL OTHERS N/A
STEP 5:	SEE CHART 2 ABOVE
STEP 6:	EPOXY = EC | ANODIZED = ANO | FIRE PROOF = FP
STEP 7:	1 AUX. SWITCH = -S | 2 AUX. SWITCH = -2S | 3 AUX. SWITCH = -3S | 4 AUX. SWITCH = -4S | 1 PROX. SWITCH = -PRX | 2 PROX. SWITCH = - 2PRX
STEP 8:	PUSH KNOB = M *(S SERIES)* | HAND WHEEL = MH *(STANDARD ON ALL ACTUATORS 400IN-LBS. AND HIGHER, NO CODE NEEDED)*
STEP 9:	24VAC = P3 | 115VAC = P1 | 230VAC = P2 | 12VDC = P4 | 24VDC = P5
STEP 10:	1K = -1 | 1K DUAL POTENTIOMETER = -1A | 1K 3:1 RATIO = -1B | 0-135OHM = -1R | 1K 10 TURN = -1T | 5K = -5K | 10K = -10K
STEP 11:	4-20MA VDC & VAC = VP | 4-20MA HIGH RES VDC & VAC = VQ | 0-135OHM = VRC | MODBUS = MBP | 4-20MA BOILER FEED = LRC
STEP 12:	ALL VDC & VAC SINGLE PHASE VOLTAGES = SC
STEP 13:	ALL VDC & VAC SINGLE PHASE VOLTAGES = T
STEP 14:	3 POSITION = 3P | 4 POSITION = 4P
STEP 15:	POINTER = D | DOME = DI | LIGHT IND. = L | 4-20MA TRANSMITTER = TX | 4-20MA HI-RES TRANSMITTER = TQ | 0-10VDC TRANSMITTER = T10
STEP 16:	24VDC FOR 115VAC = PS1 | 24VDC FOR 230VAC = PS2
STEP 17:	1/2" & 3/4" NPT = AC
STEP 18:	METRIC TAPPED MOUNTING HOLES = M *(PLACED BEFORE STEP 5)* | SPECIAL BOLT PATTERN OR DRIVE = PC | SPECIAL SHAFT OR SLOT = C
STEP 19:	MECHANICAL STOP = MS *(NOT AVAILABLE FOR R SERIES, SD SERIES, OR SDX SERIES)*
STEP 20:	BREATHER = BR | HEATER = H | HEATER & THERMOSTAT = HT | TEMPERATURE BLANKET = TB
STEP 21:	WITH OR WITHOUT MANUAL OVERRIDE OPTIONS = -MT *(NOT AVAILABLE FOR R SERIES, SD SERIES, OR SDX SERIES)*
STEP 22:	DC MOTORS = RC | 3 PHASE MOTORS = RC
STEP 23:	3 PHASE MOTORS = -TR
STEP 24:	ELECTRONIC, 115VAC = TS
STEP 25:	24 VAC = -TW | 115VAC = -TW | 230 VAC = -TW | 12 VDC = -TW | 24 VDC = -TW
STEP 26:	NEMA 4 & 7 = RL | **OPTIONAL:** OPEN/CLOSE PUSH BUTTON = PB | PWR DISCONNECT = DS | E-STOP BUTTON = ES | PENDANT *(2 BUTTONS W/E-STOP)* = PCS