Magnetic Contactors, SC

Descriptions: SC series contactors have been developed and manufactured using the most advanced electronic technologies, they employ an electronically-controlled super magnet which is provided with a built-in IC, thus enhancing their performance and reliability, the super magnet is based on an "AC-Input, DC-operated concept", thus allowing the coil to be energized by both AC and DC input. Moreover, once closed, sealed current is controlled by switching circuit, this permits a great reduction in power consumption with the following features:

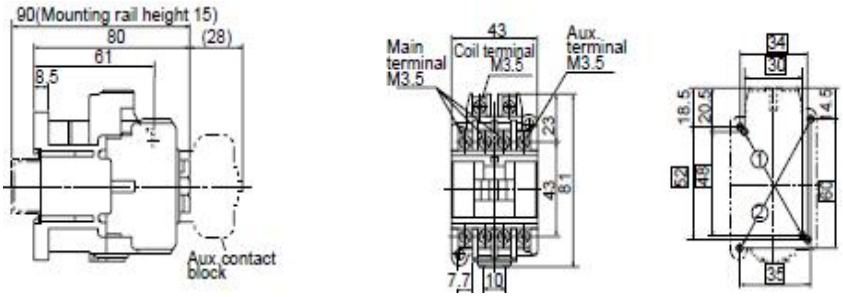
- ■ Operates on both AC and DC power supply;
- ■ Has a wide operational voltage range;
- ■ No tendency to "chatter";
- ■ Eliminates contact welding or coil burning;
- ■ Reduces power consumption;

Selection Table of SC Magnetic Contactors

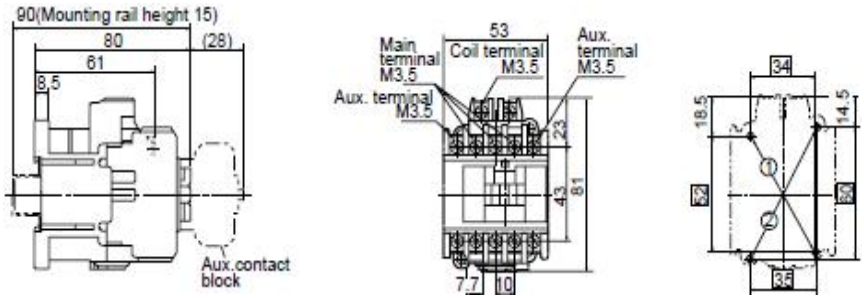
Frame size and type: SC-		03	0	05	4-0	4-1	5-1	N1	N2	N2S	N3	N4	N5A	N6	N7	N8	N10
Operational current, A	AC-1	20	20	20	25	32	32	50	60	80	100	135	150	150	200	260	260
Conventional free air thermal current, A		20	20	20	25	32	32	50	60	80	100	135	150	150	200	260	260
Operational current, A	200-240V	11	13	13	18	22	22	32	40	50	65	80	105	125	150	180	220
	380-440V	9	12	12	16	22	22	32	40	50	65	80	105	125	150	180	220
	500-550V	7	9	9	13	17	17	24	29	38	60	60	85	90	120	180	200
	600-660V	5	7	7	9	9	9	15	19	26	38	44	64	72	103	150	150
Maximum motor capacity, kW, AC-3, IEC 60947-4-1	200-240V	2.5	3.5	3.5	4.5	5.5	5.5	7.5	11	15	19	22	30	37	45	55	65
	380-440V	4	5.5	5.5	7.5	11	11	15	19	22	30	40	55	60	75	90	110
	500-550V	4	5.5	5.5	7.5	11	11	15	19	25	37	37	55	60	75	130	132
	600-660V	4	5.5	5.5	7.5	7.5	7.5	11	15	22	30	37	55	60	90	132	132
Thermal overload relays		TR-0N			TR-5-1N			TR-N2		TR-N3		TR-N5		TR-N7		TR-N10	

Dimensions, mm

SC-03, SC-0



SC-05



SC-4-0, SC-4-1