



Applications

- Electric ratings: up to 25A,40A,63A,100A
- Standard: IEC/EN61095
- HC-225/HC-240/HC-263: $U_e=230V\sim$
- $U_i:500V$
- Contactors are modular control appliances of novel structure, small volume. Its characteristic includes din-rail installation, modular size, beautiful design, and safety. It can apply inversion structure and be combined with mini circuit breaker in lighting box.
- It applies good insulation material, which improves the safety index.
- It has good appearance and low noise and is suitable for hotel and hospital, etc.

■ Operation Range

Contactors shall pull in reliably at any value between 85% U_s and 110% U_s . 110% U_s is the maximum value and 85% U_s is the minimum value.

Contactors shall release and break completely between 75% U_s and 20% U_s . 20% U_s is the maximum value and 75% U_s is the minimum value.

■ Appointed operation performance

Utilization Category	making and breaking condition					
	I_c/I_e	U_c/U_e	$\cos\Phi$	making time (a) s	interval time s	operation cycle times
AC-7a	1.0	1.05	0.80	0.05	10	30 000
AC-7b	(c)	(b)	0.45	0.05	10	30 000

(a) If contact has closed completely before breaking again, the making time is allowed less than 0.05s.

(b) For making operation $U_c/U_e=1.0$, for breaking operation $U_c/U_e=0.17$.

(c) For making operation $I_c/I_e=6.0$, for breaking operation $I_c/I_e=1.0$.

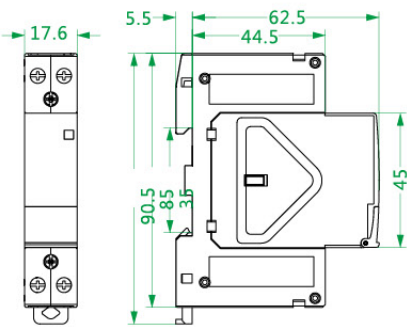
Modular Contactor

■ Making and breaking capacity

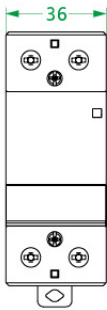
	making and breaking condition					
Utilization Category	I_c/I_e	U_c/U_e	$\cos\Phi$	making time (a) s	interval time s	operation cycle times
AC-7a	1.5	1.05	0.80	0.05	10	50
AC-7b	8.0	1.05	0.45	0.05	10	50

Dimensions(mm)

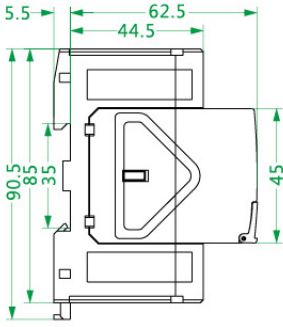
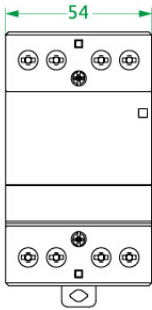
2P 25A



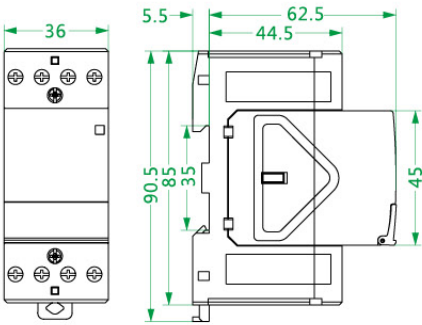
2P 40/63A



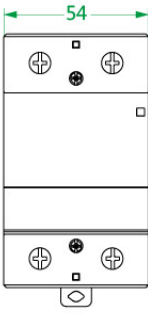
4P 40/63A



4P 25A



2P 100A



4P 100A

