

## Vacuum Contactor

HYUNDAI Vacuum Contactors are designed and manufactured for frequent switchings, especially taking into account safety and quality assurance. They are suitable for switching and controlling squirrel cage and slipring motors, medium voltage loads and resistance furnaces, and capacitors and transformers.



### Qualified Standard & Approval

#### Standard

- ▶ IEC 60470
- ▶ NEMA ICS3

#### Approval

- ▶ ISO 18001, 14001, 9001
- ▶ KR, GL, LR, NK

Type		Fixed type						Draw-out type					
		F Without fuse holder		A With single fuse holder		J With double fuse holder <sup>1)</sup>		B Without fuse holder		D With single fuse holder		H With double fuse holder <sup>1)</sup>	
Operating method	Continuously energized	32C□	34C□	62C□	64C□	82C□	84C□	32C□	34C□	62C□	64C□	82C□	84C□
	Latched	32L□	34L□	62L□	64L□	82L□	84L□	32L□	34L□	62L□	64L□	82L□	84L□
Rated insulation voltage (kV)		3.6		7.2		12		3.6		7.2		12	
Rated operation voltage (kV)		3.3		6.6		11		3.3		6.6		11	
Rated frequency (Hz)		50/60											
Rated current (A)		200	400	200	400	200	400	200	400	200	400	200	400
Withstand voltage	Impulse (kV)	45		60		75		45		60		75	
	Power frequency (1min, kV)	16		20		28		16		20		28	
Control dielectric strength (min, kV)		2		2		2		2		2		2	
Utilization category		AC3				AC4		AC3				AC4	
Breaking capacity		4kA (O-3min-CO-3min-CO)											
Short-time current (kA)	1 sec	6.3		6.3		6.3		6.3		6.3		6.3	
	30 sec	3		3		3		3		3		3	
Mechanical life time	Continuously energized (1,000 times)	1,000		1,000		1,000		1,000		1,000		1,000	
	Latched (1,000 times)	250		250		250		250		250		250	
Electrical lifetime (1,000 times)		300											
Control voltage (V)		AC110/220, DC110/220											
Auxiliary contact		2a2b <sup>2)</sup>											
Applicable load capacity	Motor (kW)	750	1,500	1,500	3,000	3,000	6,000	750	1,500	1,500	3,000	3,000	6,000
	Transformer (kVA)	1,000	2,000	2,000	4,000	4,000	8,000	1,000	2,000	2,000	4,000	4,000	8,000
	Condensor (kVAR)	750	1,200	1,500	2,000	3,000	4,000	750	1,200	1,500	2,000	3,000	4,000
Weight without fuse(kg)		F	21	F	22	F	61	B	38 <sup>3)</sup>	B	41 <sup>3)</sup>	B	80 <sup>3)</sup>
		A	30	A	32	A	68	D	40 <sup>3)</sup>	D	43 <sup>3)</sup>	D	83 <sup>3)</sup>
		J	33	J	35			H	43 <sup>3)</sup>	H	46 <sup>3)</sup>		

1) Double fuse holder is not applicable to 12kV.

2) In case of fixed type without fuse holder, 3a3b is standard.

3) The weight of draw-out type is based on F1 cradle.