

#### ■ FUJI vacuum circuit breakers

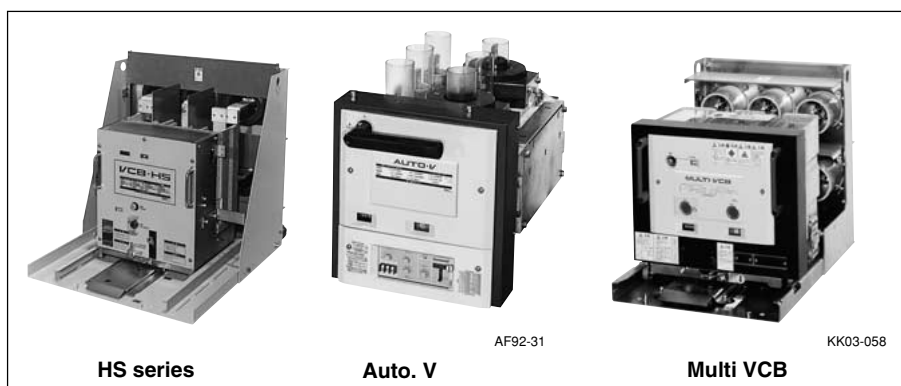
Vacuum circuit breakers are compact circuit breakers designed for safe operation, high reliability and easy maintenance, and are widely used for various types of high voltage circuits. FUJI V-circuit breakers (VCB) have been developed through the use of our many years of successful experience and advanced technology. They are compact and light-weight, and are available in a number of current ratings.

#### ● HS series

These types are available in all ratings from 3.6 to 36kV, and can be applied to a variety of H.V. switchgear. The motor-spring stored-energy types feature auto-reclosing. The HS types are comparatively high in breaking current with ratings of over 7.2kV, 20kA.

- Breaking currents: 12.5kA to 50kA
- Rated voltage: 3.6kV to 36kV
- Standards: JEC, IEC

See page 12/4.



#### ● Auto. V

Auto. Vs are provided with a built-in electronic overcurrent relay and toroidal-type CT.

They require little space for installation and also facilitate the system wide protective coordination.

The inverse-time operating and instantaneous trip currents can be set by means of the dial.

- Breaking currents: 8kA, 12.5kA
- Rated voltage: 3.6/7.2kV
- Standards: JIS C4603

See page 12/26.

#### ● Multi VCB

The Multi VCBs are general purpose VCBs which are small in size and simple in construction thus allowing them to be applied to many types of switchgear.

- Breaking currents: 8kA, 12.5kA
- Rated voltage: 3.6/7.2kV
- Standards: JIS C4603

See page 12/45.

#### ■ Quick selection table

Breaking current (kA)	Rated current JIS, JEC (A)	Rated voltage (kV)	Closing system	Type □ : Installation	Breaking current (kA)	Rated current JIS, JEC (A)	Rated voltage (kV)	Closing system	Type □ : Installation
20	600 1200 2000	3.6/7.2	Motor-spring	HS2006□-06Mf-E	40	1200 2000 3000 4000	12	Motor-spring	HS4010□-12Mf-NA
				HS2006□-12Mf-E					HS4010□-20Mf-NA
25	600 1200 2000	3.6/7.2	Motor-spring	HS2506□-06Mf-E	50	1200 2000 3000	12	Motor-spring	HS4010□-30Mf-N
				HS2506□-12Mf-E					HS4010□-40Mf-N
31.5	1200 2000 3000	3.6/7.2	Motor-spring	HS3106□-12Mf-E	12.5	600 1200	24	Motor-spring	HS5010□-12Mf-NA
				HS3106□-20Mf-E					HS5010□-20Mf-NA
40	1200 2000 3000 4000	3.6/7.2	Motor-spring	HS3106□-30Mf-N	16	600 1200	24	Motor-spring	HS5010□-30Mf-N
				HS4006□-12Mf-E					HS1220□-06Mf-K
50	1200 2000 3000	3.6/7.2	Motor-spring	HS4006□-20Mf-E	25	600 1200 2000	24	Motor-spring	HS1220□-12Mf-K
				HS4006□-30Mf-N					HS1620□-06Mf-E
12.5	600 1200 2000	12	Motor-spring	HS4006□-40Mf-N	40	1200 2000 3000	24	Motor-spring	HS1620□-12Mf-E
				HS5006□-12Mf-NA					HS2520□-06Mf-E
16	600 1200 2000	12	Motor-spring	HS5006□-20Mf-NA	25	600 1200 2000	24	Motor-spring	HS2520□-12Mf-E
				HS5006□-30Mf-N					HS2520□-20Mf-E
20	600 1200 2000	12	Motor-spring	HS1210□-06Mf-E	40	1200 2000 3000	24	Motor-spring	HS4020□-12Mf-N
				HS1210□-12Mf-E					HS4020□-20Mf-N
25	600 1200 2000	12	Motor-spring	HS1210□-20Mf-E	25	600 1200 2000	36	Motor-spring	HS4020□-30Mf-N
				HS1610□-06Mf-E					HS2530□-06Mf-N
31.5	1200 2000 3000	12	Motor-spring	HS1610□-12Mf-E	8.0	400	3.6/7.2	Manual-spring	HS2530□-12Mf-N
				HS2010□-06Mf-E					HS2530□-20Mf-N
20	600 1200 2000	12	Motor-spring	HS2010□-12Mf-E	12.5	600	3.6/7.2	Motor-spring	HA08□-H□
				HS2010□-20Mf-E					HA12□-H□
25	600 1200 2000	12	Motor-spring	HS2510□-06Mf-E	8.0	400	3.6/7.2	Fixed	HA08□-A□
				HS2510□-12Mf-E					HA12□-A□
31.5	1200 2000 3000	12	Motor-spring	HS2510□-20Mf-E	12.5	600	3.6/7.2	Draw-out	HA12□-A□
				HS3110□-12Mf-E					HA08A□-A8
20	600 1200 2000	12	Motor-spring	HS3110□-20Mf-E	8.0	400	3.6/7.2	Fixed	HA12A□-A8
				HS3110□-30Mf-N					HA08□-A□
31.5	1200 2000 3000	12	Motor-spring		12.5	600	3.6/7.2	Draw-out	HA12□-A□
									HA08A□-A□
									HA12A□-A□

Note: □ Installation : See pages 12/4 for HS series, 12/26 for Auto. V and 12/45 for Multi VCB.