

Technical data

Susol



Single type			Fixed (Z) type				Drawout (D) type				Direct - drawout (K) type			
Type	Continuous Excitation (E)		VC-3Z-	VC-6Z-	VC-3Z-	VC-6Z-	VC-3D-	VC-6D-	VC-3D-	VC-6D-	VC-3K-	VC-6K-	VC-3K-	VC-6K-
	Instantaneous Excitation (L)		42□E	42□E	44□E	44□E	42□E	42□E	44□E	44□E	42□E	42□E	44□E	44□E
Rated operation voltage [kV]			3.3	6.6	3.3	6.6	3.3	6.6	3.3	6.6	3.3	6.6	3.3	6.6
Rated voltage Ur[kV]			3.6	7.2	3.6	7.2	3.6	7.2	3.6	7.2	3.6	7.2	3.6	7.2
Rated operational current Ie[A]			200		400		200		400		200		400	
Rated frequency fr[Hz]			50/60											
Rated breaking current (kA, O - 3min - CO - 2min - CO)			4											
Rated short - time current (kA - sec)			2.4kA-30s, 4kA-10s, 6kA-2s, 6.3kA-1s											
Rated short - time peak current (kApeak - 0.5Cycle)			60											
Switching frequency(AC3) [op./hr]			E : Continuous 1200, L : Instantaneous 300											
Lifetime	Mechanical	[×10, 000operations]	E : Continuous 300, L : Instantaneous 50											
	Electrical	[×10, 000operations]	30											
Impulse withstand Up[kVp]			60											
Dielectric strength Ud[kV/1min]			20											
Excitation method			E : Continuous, L : Instantaneous											
Control voltage [V]			DC/AC 110V, 125V, 220V											
Auxiliary contact	Current	[A]	10 (AC)											
	Voltage	[V]	600max ~ 48min											
	Arrangement		Continuous 3NO3NC, Instantaneous 2NO2NC				2NO2NC							
Max. Applicable	Motors	[kW]	750	1,500	1,500	3,000	750	1,500	1,500	3,000	750	1,500	1,500	3,000
	Transformers	[kVA]	1,000	2,000	2,000	4,000	1,000	2,000	2,000	4,000	1,000	2,000	2,000	4,000
	Capacitors	[kVA]	750	1,500	1,200	2,000	750	1,500	1,200	2,000	750	1,500	1,200	2,000
Weight [kg]			24				41				56			

Power fuse

Power fuses can be installed into combination(G, B, F) type contactors for the protection of equipments and systems from short - circuit.

Fuse ratings are selected properly after system analysis and some accessories such as fuse link clips should be selected by the fuse rating.

