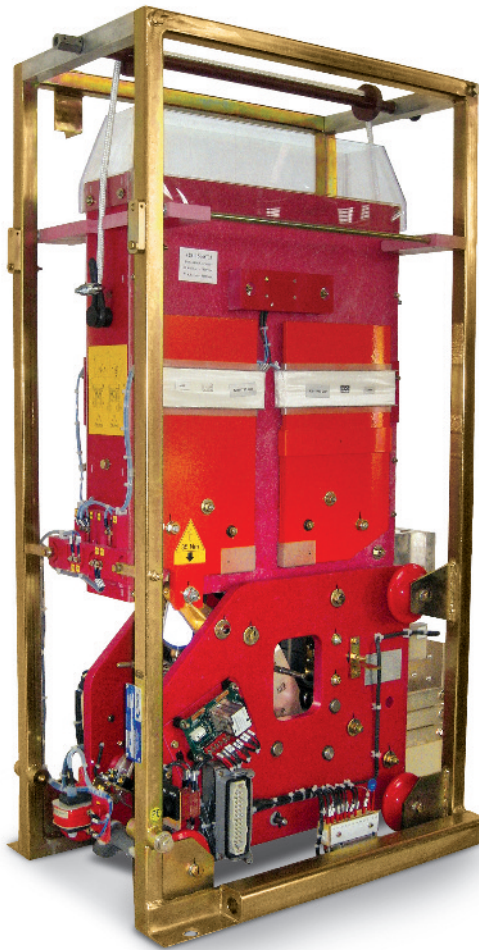


HSCBs

DC High Speed Circuit Breakers



IR6040SV

Applications

Vehicles

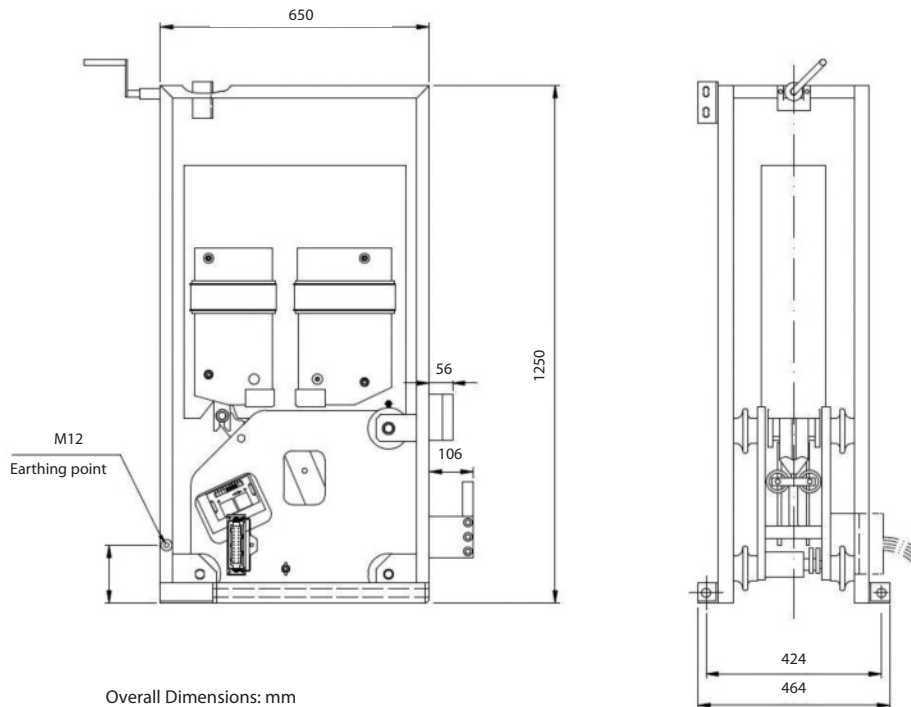
The IR6040SV (Vertical) Series is single pole, magnetic blow out, trip free, magnetic latch, air circuit breakers. The breaker closing mechanism is an independent motor operated type. The breaker is held closed by holding coil or by a permanent magnet and is equipped with a direct acting over-current trip device which may be either unidirectional or bidirectional. The breaker may be operated as single voltage (1500, 3000V) or dual voltage (1500/3000V). The breaker conforms to EN60077 Standard.



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HSCBs

DC High Speed Circuit Breakers: IR6040SV



Technical Data

		IR6040SV	IR6040SV
Rated voltage [V]	U_n	1500	3000
Rated current [A]	I_n	Up to 4000	Up to 4000
Short circuit breaking capacity (CEI EN 60077)	U_n	1800 [V]	3600 [V]
	I_{cc}	100 [kA] - Peak	60 [kA] - Peak
	I_{cc}	70 [kA] - Steady State	40 [kA] - Steady State
Tripping direction		Uni and Bidirectional	Uni and Bidirectional
Trip setting of overcurrent release	I	From 2000 to 5000 [A]	From 2000 to 5000 [A]
Auxiliary circuit			
Rated voltage [V_{DC}]	U_n	24 ÷ 110	24 ÷ 110
Type of closing device		With servomotor	With servomotor
Type of holding device [EM= Electromagnetic]		EM	EM
Note			
Available contacts		5 NO + 5 NC	5 NO + 5 NC
Weight	kg	190	212



KNORR-BREMSE



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