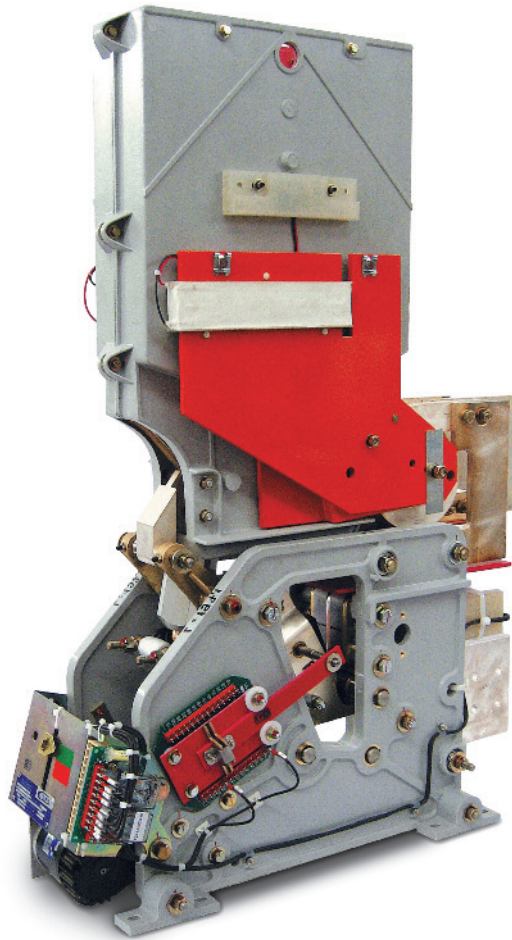


HSCBs

DC High Speed Circuit Breakers



IR6040

Applications

DC Substations

Industry

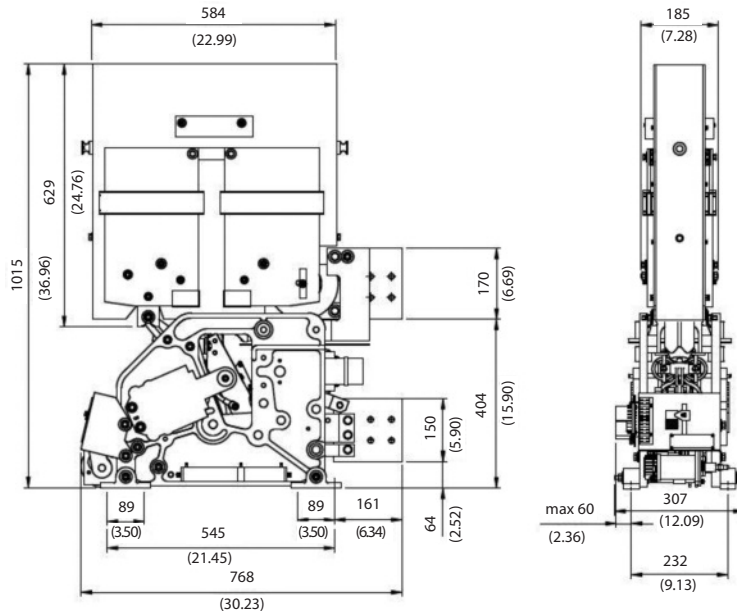
The IR6040 Electromagnetic latch Series is fixed or withdrawable, single pole magnetic blow out, trip free, air circuit breakers. The closing mechanism is an independent motor operated type. The breaker is held closed by holding coil and is equipped with a direct acting over-current trip device which may be either unidirectional or bidirectional. The breaker conforms EN 50123 Standard.



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HSCBs

DC High Speed Circuit Breakers: IR6040



Overall Dimensions: mm (inches)

Technical Data

	IR6040	IR6040	IR6040
Rated voltage [V]	U_n 750	1500	3000
Rated current [A]	I_n Up to 4000	Up to 4000	Up to 4000
Short circuit breaking capacity (EN 50123)	U_n 800 [V]	1800 [V]	3600 [V]
	I_{cc} 120 [kA] - Peak	100 [kA] - Peak	100 [kA] - Peak
	I_{cc} 90 [kA] - Steady State	70 [kA] - Steady State	70 [kA] - Steady State
Tripping Direction Independent	Uni and Bidirectional	Uni and Bidirectional	Uni and Bidirectional
Trip setting of overcurrent release	I From 500 to 20000 [A]	From 500 to 20000 [A]	From 500 to 20000 [A]
Auxiliary circuit			
Rated voltage [V_{DC}]	U_n 24 ÷ 220	24 ÷ 220	24 ÷ 220
Type of closing device	With servomotor	With servomotor	With servomotor
Type of holding device [EM= Electromagnetic]	EM	EM	EM
Note			
Available contacts	6 NO + 6 NC	6 NO + 6 NC	6 NO + 6 NC
Weight	kg 160	165	202



KNORR-BREMSE



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