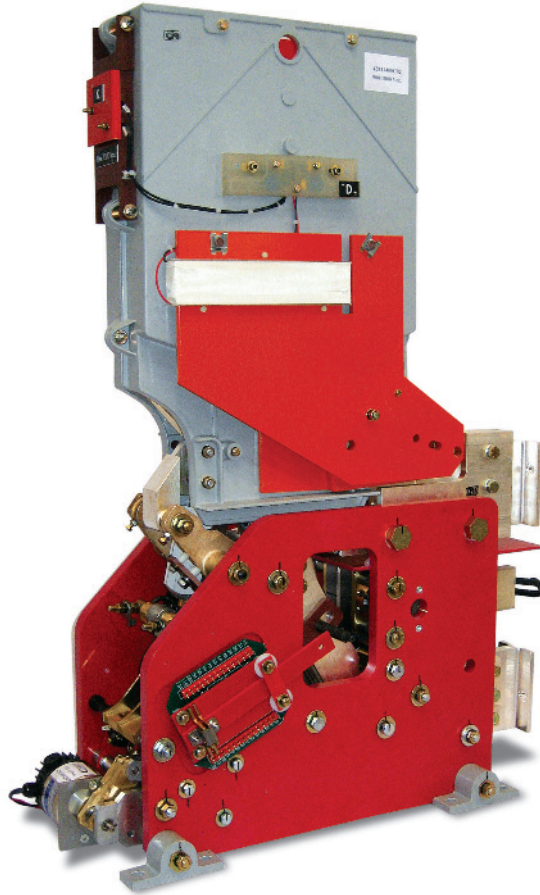


HSCBs

DC High Speed Circuit Breakers



IR6080

Applications

DC Substations

Industry

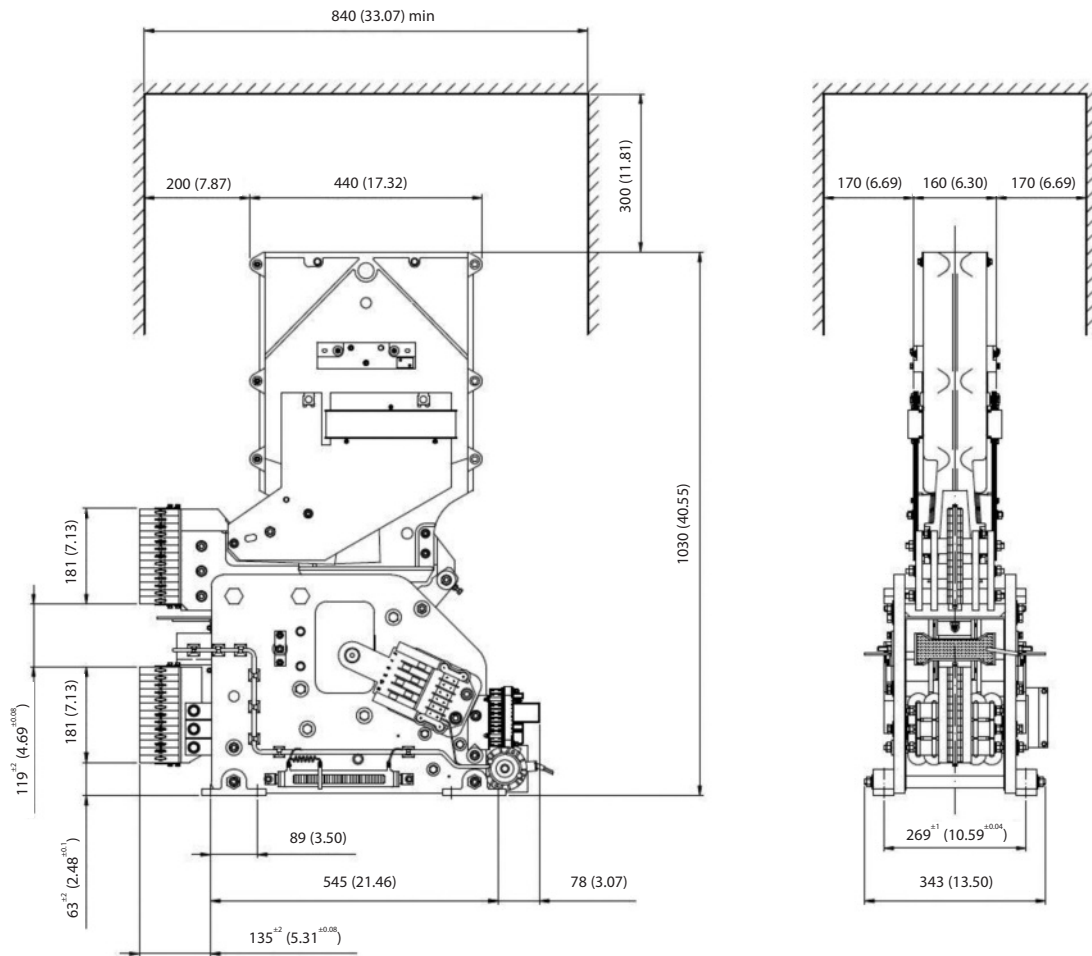
The IR6080 Electromagnetic latch Series is fixed or withdrawable, single pole magnetic blow out, trip free, air circuit breakers. The closing mechanism is an independent motor operated type. The breaker is held closed by holding coil and is equipped with a direct acting over-current trip device which may be either unidirectional or bidirectional. The breaker conforms to EN 50123 Standard.



Microelettrica Scientifica

HSCBs

DC High Speed Circuit Breakers: IR6080



Overall Dimensions: mm (inches)

Technical Data

	IR6080	IR6080	IR6080
Rated voltage [V]	U_n 750	1500	3000
Rated current [A]	I_n Up to 8000	Up to 8000	Up to 6000
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 32000 [A]	From 500 to 32000 [A]	From 500 to 32000 [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 – Up to 8kA	kg 162	167	210



KNORR-BREMSE



Microelettrica Scientifica

Microelettrica Scientifica S.p.A. S.S. 11 Padana Superiore, 133 20090 Vimodrone (MI)
Tel.: +39 02 265181 Fax: +39 02 2651824 info@microelettrica.com
www.microelettrica.com