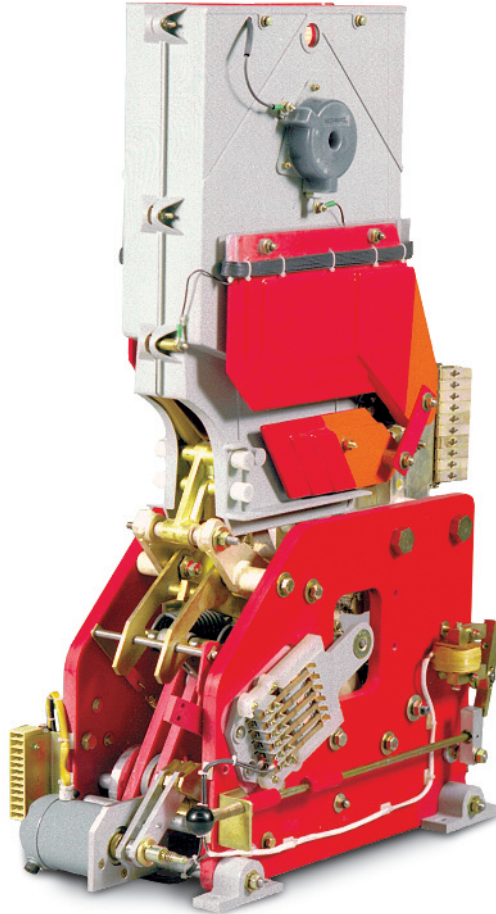


HSCBs

DC High Speed Circuit Breakers



IR6080ML

Applications

DC Substations

Industry

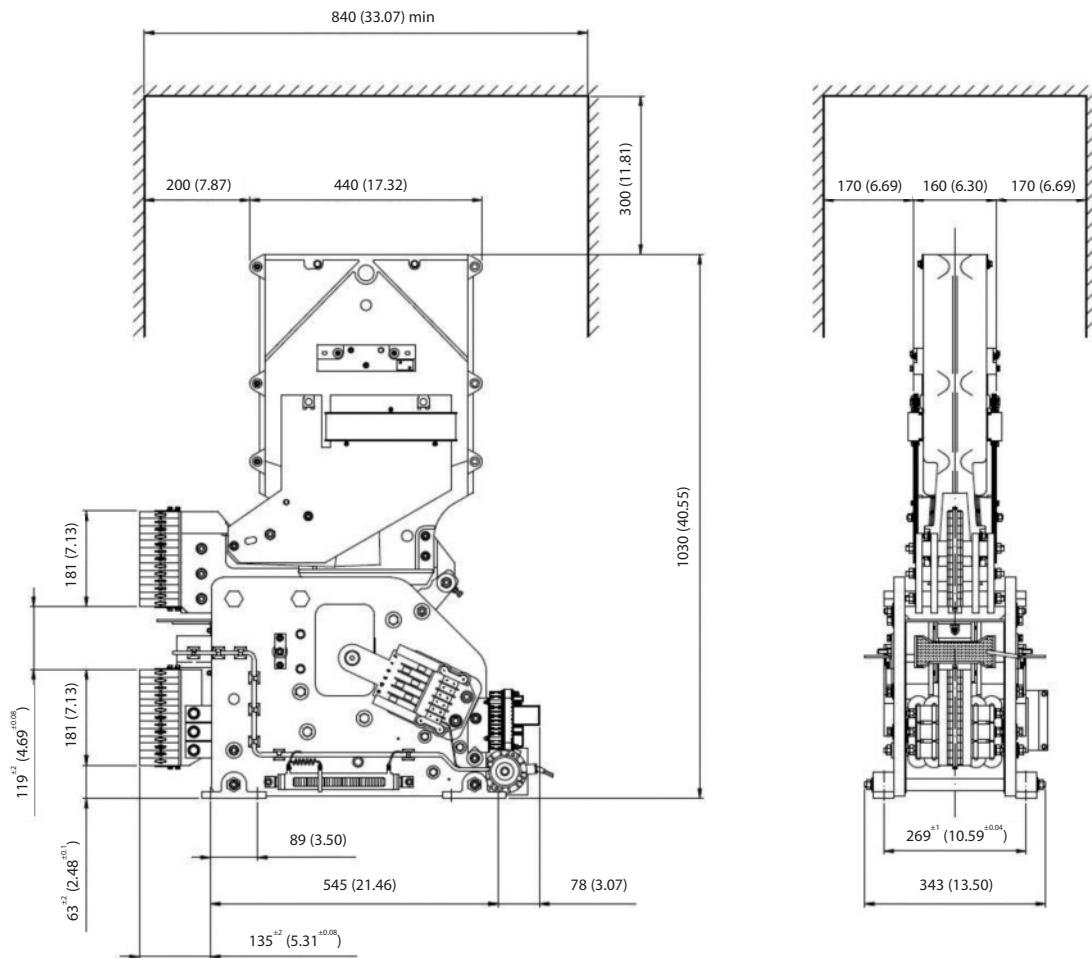
The IR6080 Mechanical Latch Series is fixed or withdrawable, single pole magnetic blow out, trip free, air circuit breakers. The closing mechanism is an independent motor operated type. The breaker is held closed by a mechanic latch and is equipped with a direct acting over-current trip device. The breaker conforms to IEEE 37-14, IEEE 37-16 Standards as a RECTIFIER BREAKER.



Microelettrica Scientifica

HSCBs

DC High Speed Circuit Breakers: IR6080ML



Technical Data

	IR6000ML	IR6000ML	IR6000ML	IR6000ML
Rated voltage [V]	U _n 800	1200	800	1200
Rated current [A]	I _n Up to 10000	Up to 10000	Up to 10000	Up to 10000
Short circuit breaking capacity (IEEE 37-14)	RECTIFIER	RECTIFIER	FEEDER	FEEDER
	U _e 800 [V]	1200 [V]	800 [V]	1200 [V]
	I _{cc} 149 [kA] - Peak	100 [kA] - Peak	200 [kA] - Peak	132 [kA] - Peak
	I _{cc} 90 [kA] - Steady State	60 [kA] - Steady State	120 [kA] - Steady State	80 [kA] - Steady State
Tripping direction	Uni and Bidirectional			
Auxiliary circuit				
Rated voltage [V_{DC}]	U _n 48 ÷ 225	48 ÷ 225	48 ÷ 225	48 ÷ 225
Type of closing device	With servomotor			
Type of holding device [ML= Mechanical Latch]	ML	ML	ML	ML
Note				
Available contacts	6 NO + 6 NC	6 NO + 6 NC	6 NO + 6 NC	6 NO + 6 NC
Weight – Up to 10kA	kg 160	160	160	160



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