140GM5K3D63

Allen-Bradley 140G MCCB M Frame 50kA 3P 630A Electronic LSIG Maintenance Instantaneous



Component type	Power switching circuit breaker
Range	Moulded Case Circuit Breaker
Model	N/A
Product status	Existing

The Allen Bradley motor protection circuit breakers offer a reliable solution with both short-circuit and overload protection for individual motor loads with high interrupt ratings for 2 and 3 pole devices. Ideal for motor starting and motor protection applications. Connecting modules are available and have been combination short-circuit tested with the Allen Bradley 100-E contactors.

ELECTRICAL	Rated current In	630 A
	Number of poles	3
	Max. rated operation voltage Ue AC	690 V
	Rated ultimate short-circuit breaking capacity Icu at 415 V, 50 Hz	50 kA
	Type of protection trip unit	Electronic release
	Trip curve	LSIG
	Frame size rating	800 A
	Long time overload protection adjustment range	252-630 A
	Instantaneous protection adjustment range	945-7560 A
	Integrated earth fault protection	Yes
	Rated frequency	50-60 Hz
	Rated insulation voltage Ui	1000 V
	Suitable for isolation	Yes
	Rated short circuit breaking capacity, Icu 690V AC	22 kA
	Rated short circuit breaking capacity, Ics 690V AC	16.5 kA
	Short time protection adjustment range	378-6300 A
	Rated impulse withstand voltage Uimp	8 kV
	Reverse connection of supply possible	Yes
	Electrical life at Un, In (service cycles)	7000 cycles
	Short time withstand current Icw, 1 sec	10 kA
	Power loss	90 W
MECHANICAL	Mechanical life (service cycles)	20000 cycles
DIMENSIONS	Height	268 mm
	Width	210 mm

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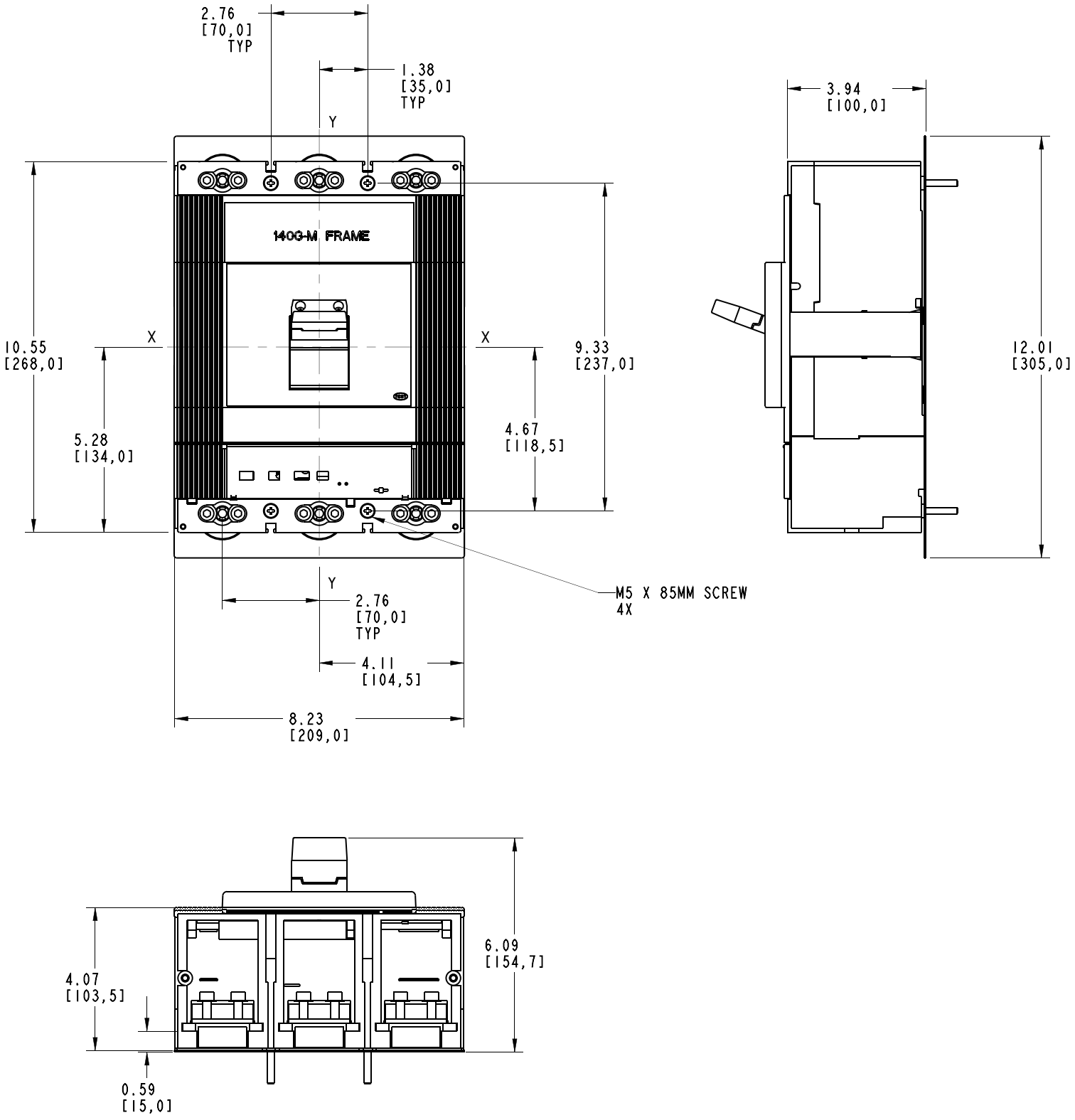
DIMENSIONS	Pole connection pitch	70 mm
	Built-in depth	103.5 mm
	Depth (toggle included)	159 mm
	Weight	12.1 kg
ENVIRONMENT	Rated surrounding temperature without derating	40 °C
	Maximum operating temperature	75 °C
	Storage temperature	-40…80 °C
	Max. altitude before derating	2000 m

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DIMENSIONAL DIAGRAM



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