140GM0F4D63

Allen-Bradley 140G MCCB M Frame 100kA 4P 630A Adjustable Thermal Magnetic



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	4
	Max. rated operation voltage Ue AC	690 V
	Rated ultimate short-circuit breaking capacity Icu at 415 V, 50 Hz	100 kA
	Type of protection trip unit	Thermal/magnetic release
	Trip curve	Adj. thermal, adj. magnetic
	Frame size rating	800 A
	Long time overload protection adjustment range	441-630 A
	Instantaneous protection adjustment range	3150-6300 A
	Rated frequency	50-60 Hz
	Rated insulation voltage Ui	1000 V
	Suitable for isolation	Yes
	Rated short circuit breaking capacity, Icu 690V AC	30 kA
	Rated short circuit breaking capacity, Ics 690V AC	22.5 kA
	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	122.4 W
MECHANICAL	**Mechanical life (service cycles)**	20000 cycles
DIMENSIONS	**Height**	268 mm
	Width	280 mm
	Pole connection pitch	70 mm
	Built-in depth	103.5 mm

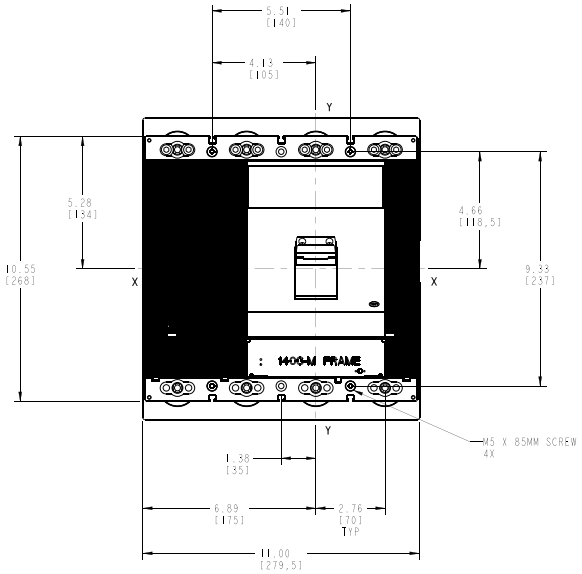
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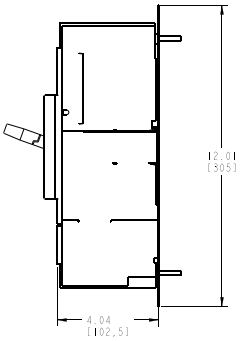
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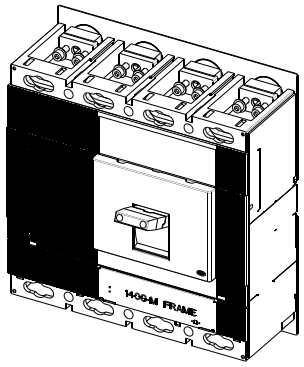
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DIMENSIONS	Depth (toggle included)	159 mm
	Weight	15.1 kg
ENVIRONMENT	Rated surrounding temperature without derating	40 °C
	Maximum operating temperature	75 °C
	Storage temperature	-40…80 °C
	Max. altitude before derating	2000 m

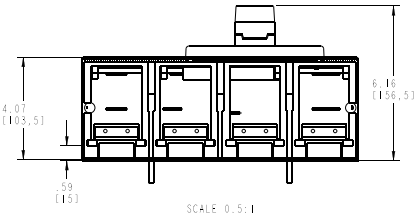
DIMENSIONAL DIAGRAM



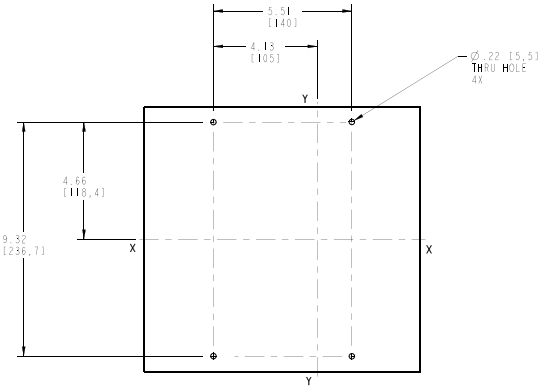




ISOMETRIC VIEW



SCALE 0.5:1



DRILLING FOR FIXING CIRCUIT BREAKER

SCALE 0.5:1

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