140GH2F3D16

Allen-Bradley 140G MCCB H Frame 36kA 3P 160A 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	160 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	36 kA
	Type of protection trip unit	Thermal/magnetic release
	Trip curve	Adj. thermal, adj. magnetic
	Frame size rating	160 A
	Long time overload protection adjustment range	112-160 A
	Instantaneous protection adjustment range	800-1600 A
	Rated frequency	50-60 Hz
	Rated insulation voltage Ui	1000 V
	Suitable for isolation	Yes
	Rated short circuit breaking capacity, Icu 690V AC	10 kA
	Rated short circuit breaking capacity, Ics 690V AC	10 kA
	Rated impulse withstand voltage Uimp	8 kV
	Reverse connection of supply possible	Yes
	Electrical life at Un, In (service cycles)	8000 cycles
	Power loss	48.5 W
CONSTRUCTION	Air circuit breaker (withdrawable)	No
MECHANICAL	DIN rail (top hat rail) mounting optional	Yes
	Mechanical life (service cycles)	25000 cycles
DIMENSIONS	Height	130 mm
	Width	90 mm
	Pole connection pitch	30 mm

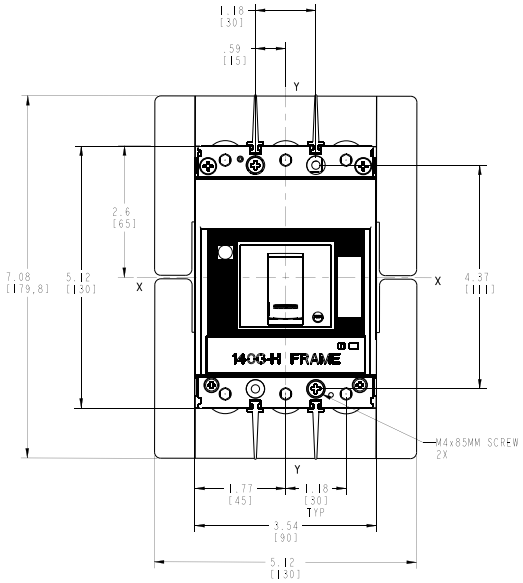
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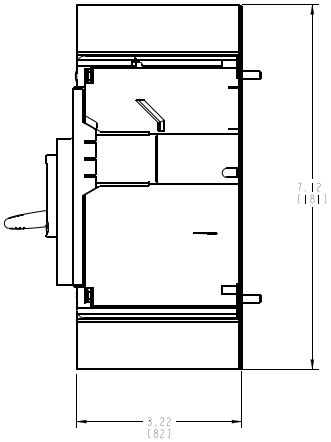
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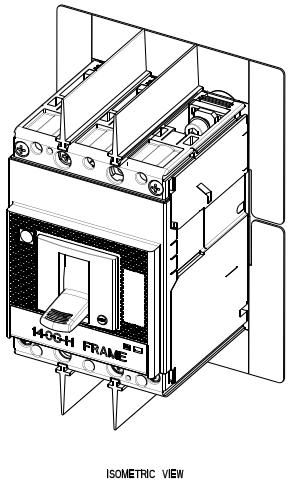
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DIMENSIONS	Built-in depth	82.5 mm
	Depth (toggle included)	116 mm
	Weight	1.2 kg
ENVIRONMENT	Rated surrounding temperature without derating	40 °C
	Maximum operating temperature	75 °C
	Storage temperature	-40…80 °C
	Max. altitude before derating	2000 m

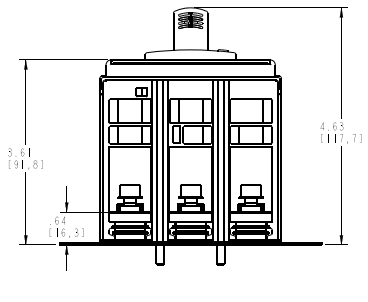
DIMENSIONAL DIAGRAM



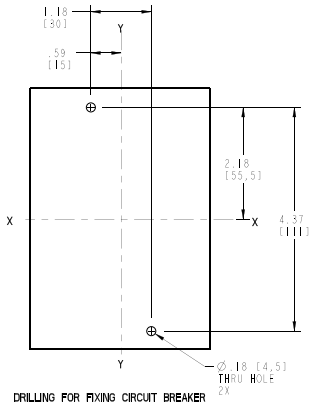




ISOMETRIC VIEW



SCALE 1:1



DRILLING FOR FIXING CIRCUIT BREAKER

SCALE 1:1

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