140GJ3F3D10

Allen-Bradley 140G MCCB J Frame 50kA 3P 100A 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**	100 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	Thermal/magnetic release
	Trip curve	Adj. thermal, adj. magnetic
	Frame size rating	250 A
	Long time overload protection adjustment range	70-100 A
	Instantaneous protection adjustment range	500-1000 A
	Rated frequency	50-60 Hz
	Rated insulation voltage Ui	1000 V
	Suitable for isolation	Yes
	Rated short circuit breaking capacity, Icu 690V AC	12 kA
	Rated short circuit breaking capacity, Ics 690V AC	12 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	18.6 W
MECHANICAL	**DIN rail (top hat rail) mounting optional**	Yes
	Mechanical life (service cycles)	25000 cycles
DIMENSIONS	**Height**	160 mm
	Width	105 mm
	Pole connection pitch	35 mm
	Built-in depth	82.5 mm

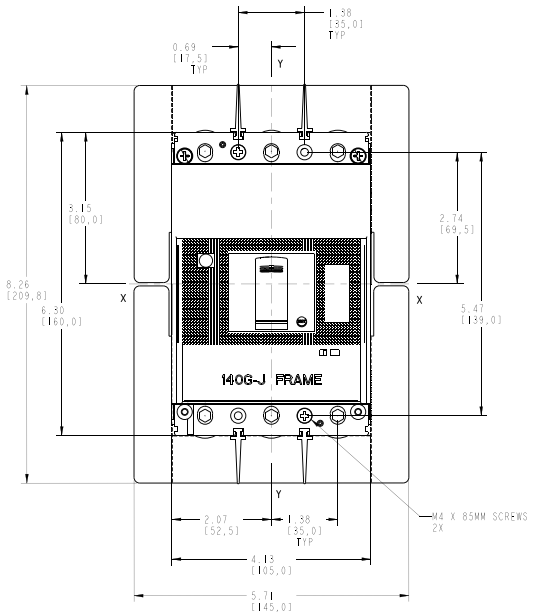
Published on 14 October 2026

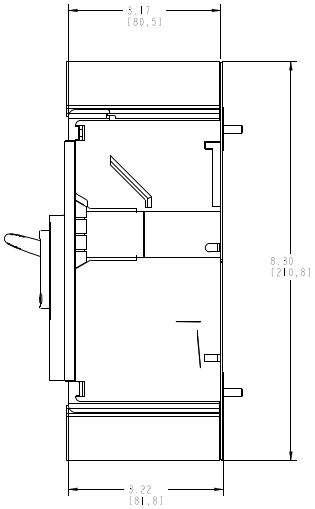
140GJ3F3D10

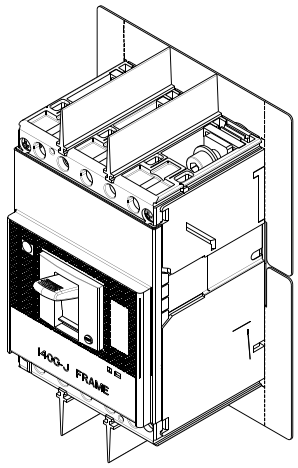
Allen-Bradley 140G MCCB J Frame 50kA 3P 100A Adjustable Thermal Magnetic

DIMENSIONS	Depth (toggle included)	117 mm
	Weight	2.5 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

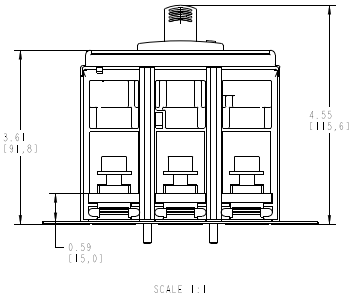
DIMENSIONAL DIAGRAM



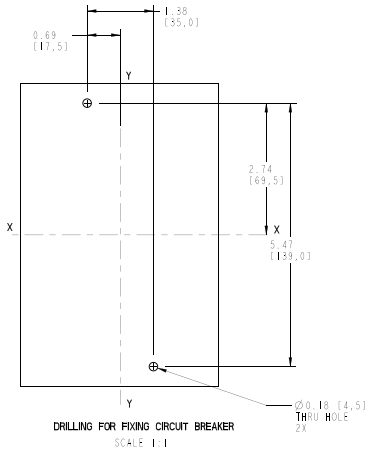




ISOMETRIC VIEW



SCALE 1:1



DRILLING FOR FIXING CIRCUIT BREAKER

SCALE 1:1

Published on 14 October 2026