140GK3H3D40

Allen-Bradley 140G MCCB K Frame 50kA 3P 400A Electronic LSI



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	400 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	LSI
Frame size rating	400 A
Long time overload protection adjustment range	160-400 A
Instantaneous protection adjustment range	600-4800 A
Integrated earth fault protection	No
Rated frequency	50-60 Hz
Rated insulation voltage Ui	1000 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	25 kA
Rated short circuit breaking capacity, Ics 690V AC	25 kA
Short time protection adjustment range	240-4000 A
Rated impulse withstand voltage Uimp	8 kV
Motor drive integrated	No
Reverse connection of supply possible	Yes
Electrical life at Un, In (service cycles)	7000 cycles
Complete device with protection unit	No
Short time withstand current Icw, 1 sec	5 kA
Power loss	49.5 W

CONSTRUCTION

Air circuit breaker (withdrawable)	No

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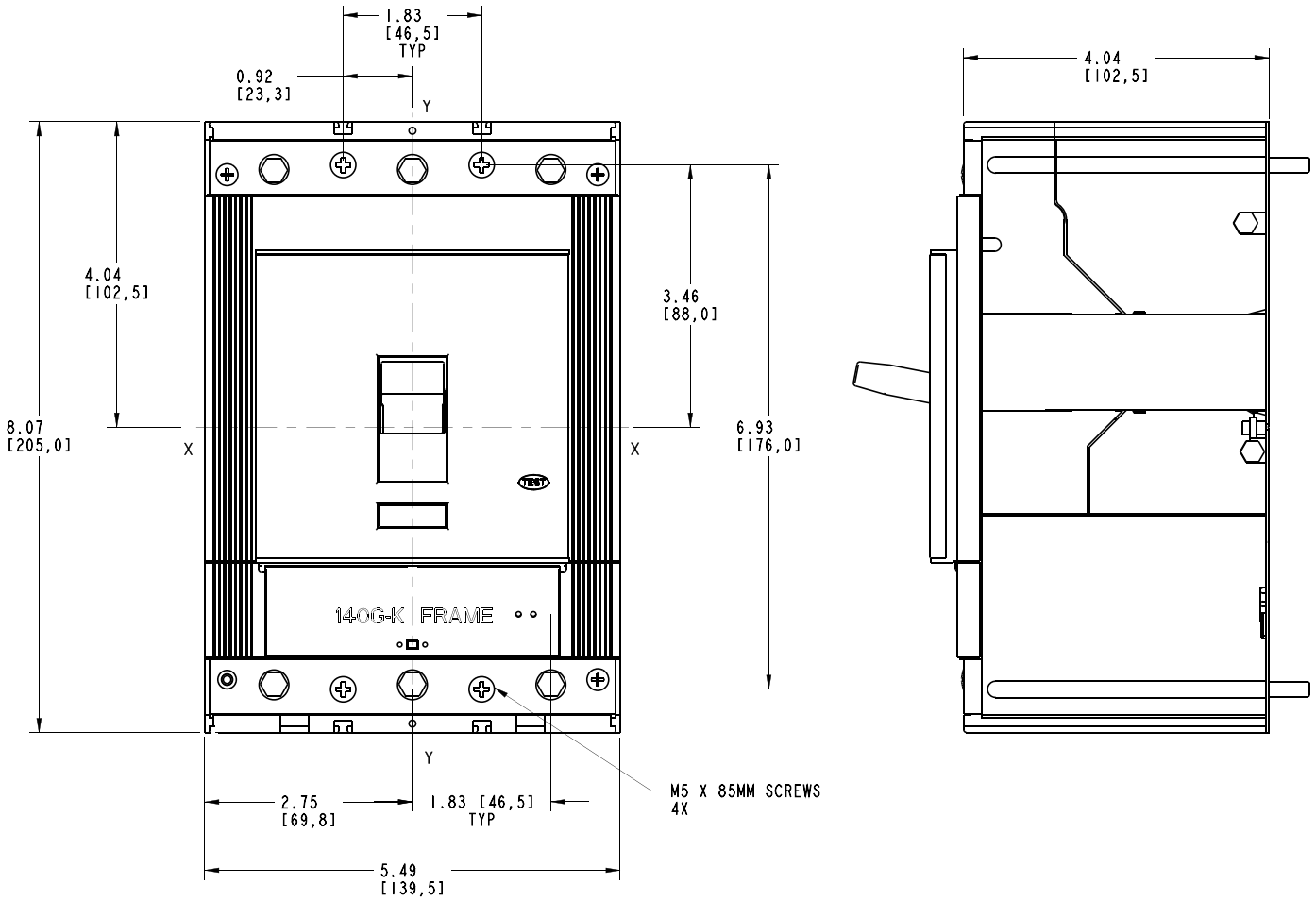
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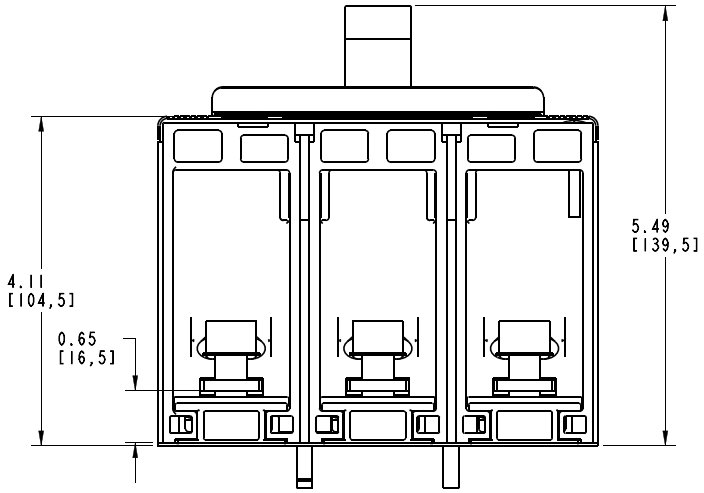
MECHANICAL	DIN rail (top hat rail) mounting optional	No
	Mechanical life (service cycles)	20000 cycles
DIMENSIONS	Height	205 mm
	Width	139.5 mm
	Pole connection pitch	46.5 mm
	Built-in depth	103.5 mm
	Depth (toggle included)	139 mm
	Weight	3.25 kg
ENVIRONMENT	Rated surrounding temperature without derating	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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