

140GG6C4D12

Allen-Bradley 140G MCCB G Frame 70kA 4P 125A Fixed 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	125 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	70 kA
Rated service short-circuit breaking capacity Ics at 400 V, 50 Hz	35 kA
Type of protection trip unit	Thermal/magnetic release
Trip curve	Fixed thermal, fixed magnetic
Frame size rating	160 A
Rated frequency	50-60 Hz
Rated insulation voltage Ui	800 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	10 kA
Rated short circuit breaking capacity, Ics 690V AC	5 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	42.8 W

MECHANICAL

DIN rail (top hat rail) mounting optional	Yes
Mechanical life (service cycles)	25000 cycles

DIMENSIONS

Height	130 mm
Width	101.2 mm
Pole connection pitch	25 mm
Built-in depth	70 mm
Depth (toggle included)	101 mm

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DIMENSIONS	Weight	1.4 kg
	Rated surrounding temperature without derating	40 °C
ENVIRONMENT	Maximum operating temperature	75 °C
	Storage temperature	-40...80 °C
	Max. altitude before derating	2000 m