140GI2C4C90

Allen-Bradley 140G MCCB I Frame 36kA 4P 90A 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	90 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	36 kA
	Type of protection trip unit	Thermal/magnetic release
	Trip curve	Fixed thermal, fixed magnetic
	Frame size rating	225 A
	Rated frequency	50-60 Hz
	Rated insulation voltage Ui	800 V
	Suitable for isolation	Yes
	Rated short circuit breaking capacity, Icu 690V AC	5 kA
	Rated short circuit breaking capacity, Ics 690V AC	2.5 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	18.1 W
MECHANICAL	DIN rail (top hat rail) mounting optional	Yes
	Mechanical life (service cycles)	25000 cycles
DIMENSIONS	Height	150 mm
	Width	140 mm
	Pole connection pitch	35 mm
	Built-in depth	70 mm
	Depth (toggle included)	101 mm
	Weight	2.1 kg

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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

