

# 140GH0C3C20

Allen-Bradley 140G MCCB H Frame 100kA 3P 20A 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	20 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	120 kA
Rated service short-circuit breaking capacity Ics at 400 V, 50 Hz	120 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	1000 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	18 kA
Rated short circuit breaking capacity, Ics 690V AC	13.5 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	4.8 W

## 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
Built-in depth	82.5 mm
Depth (toggle included)	116 mm

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DIMENSIONS	Weight	1.2 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