

140GH6C4C20

Allen-Bradley 140G MCCB H Frame 70kA 4P 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

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|--|-------------------------------|
| Rated current In | 20 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 | 70 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 | 15 kA |
| Rated short circuit breaking capacity, Ics 690V AC | 15 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 | 6.4 W |

MECHANICAL

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

DIMENSIONS

| | |
|-------------------------|---------|
| Height | 130 mm |
| Width | 120 mm |
| Pole connection pitch | 30 mm |
| Built-in depth | 82.5 mm |
| Depth (toggle included) | 116 mm |

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| | | |
|-------------|--|-------------|
| DIMENSIONS | Weight | 1.6 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 |