# 140GI3C3C80

**Allen-Bradley 140G MCCB I Frame 50kA 3P 80A 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 | 80 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 | 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 | 6 kA |
| | Rated short circuit breaking capacity, Ics 690V AC | 3 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 | 14.4 W |
| **MECHANICAL** | DIN rail (top hat rail) mounting optional | Yes |
| | Mechanical life (service cycles) | 25000 cycles |
| **DIMENSIONS** | Height | 150 mm |
| | Width | 105 mm |
| | Pole connection pitch | 35 mm |
| | Built-in depth | 70 mm |
| | Depth (toggle included) | 101 mm |
| | Weight | 1.7 kg |



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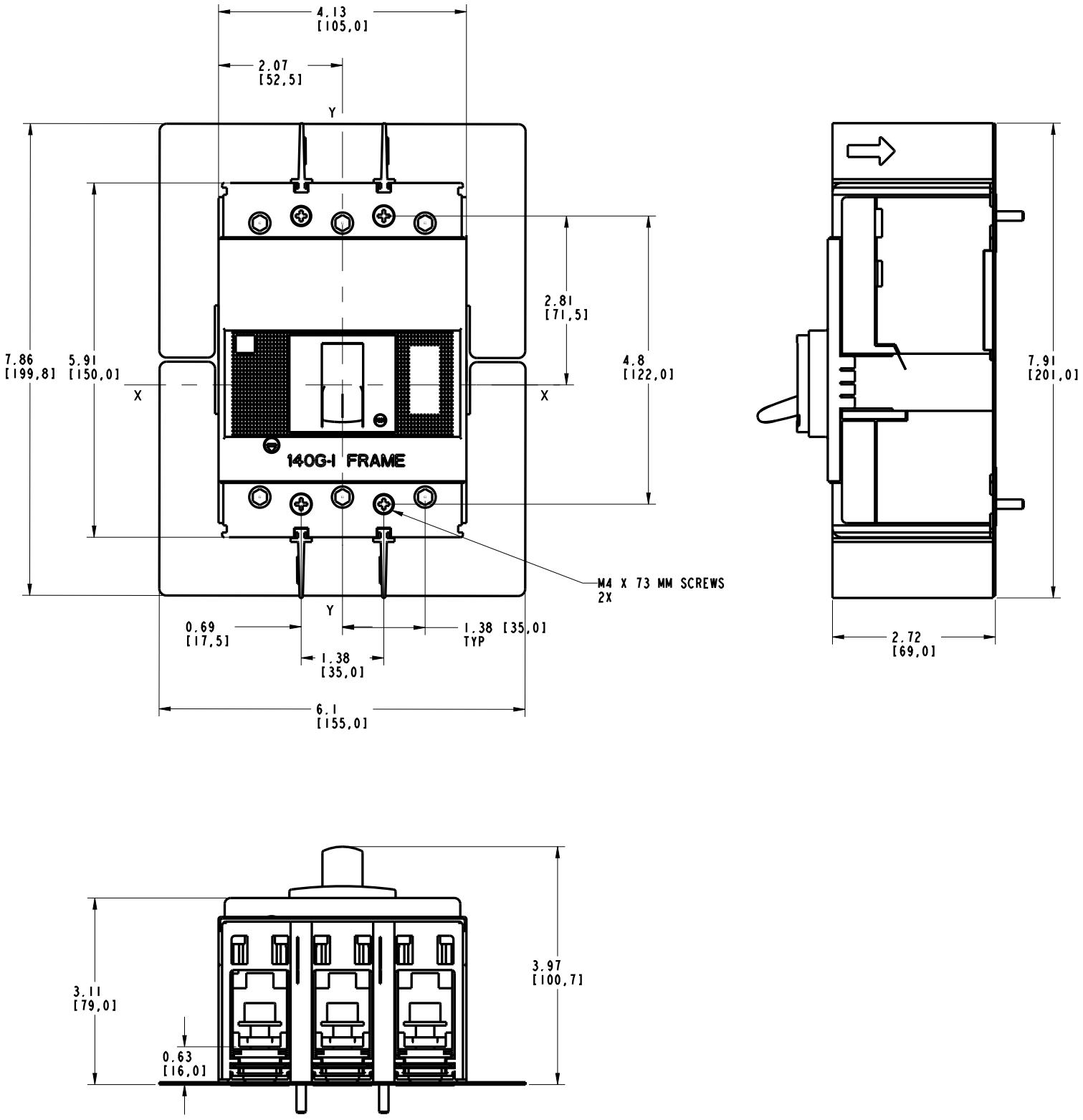
## ENVIRONMENT

| | |
|---|---|
| Rated surrounding temperature without derating | 40 °C |
| Maximum operating temperature | 75 °C |
| Storage temperature | -40…80 °C |
| Max. altitude before derating | 2000 m |

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## DIMENSIONAL DIAGRAM









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