# 140GM6H4D63

**Allen-Bradley 140G MCCB M Frame 70kA 4P 630A Electronic LSI**




| | |
|---|---|
| **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.

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|---|---|---|
| **ELECTRICAL** | **Rated current In** | 630 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 |
| | **Type of protection trip unit** | Electronic release |
| | **Trip curve** | LSI |
| | **Frame size rating** | 800 A |
| | **Long time overload protection adjustment range** | 252-630 A |
| | **Instantaneous protection adjustment range** | 945-7560 A |
| | **Rated frequency** | 50-60 Hz |
| | **Rated insulation voltage Ui** | 1000 V |
| | **Suitable for isolation** | Yes |
| | **Rated short circuit breaking capacity, Icu 690V AC** | 25 kA |
| | **Rated short circuit breaking capacity, Ics 690V AC** | 18.7 kA |
| | **Short time protection adjustment range** | 378-6300 A |
| | **Rated impulse withstand voltage Uimp** | 8 kV |
| | **Reverse connection of supply possible** | Yes |
| | **Electrical life at Un, In (service cycles)** | 7000 cycles |
| | **Short time withstand current Icw, 1 sec** | 10 kA |
| | **Power loss** | 120 W |
| **MECHANICAL** | **Mechanical life (service cycles)** | 20000 cycles |
| **DIMENSIONS** | **Height** | 268 mm |
| | **Width** | 280 mm |
| | **Pole connection pitch** | 70 mm |



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| **DIMENSIONS** | Built-in depth | 103.5 mm |
| | Depth (toggle included) | 159 mm |
| | Weight | 15.1 kg |
| **ENVIRONMENT** | Rated surrounding temperature without derating | 40 °C |
| | Maximum operating temperature | 75 °C |
| | Storage temperature | -40…80 °C |
| | Max. altitude before derating | 2000 m |

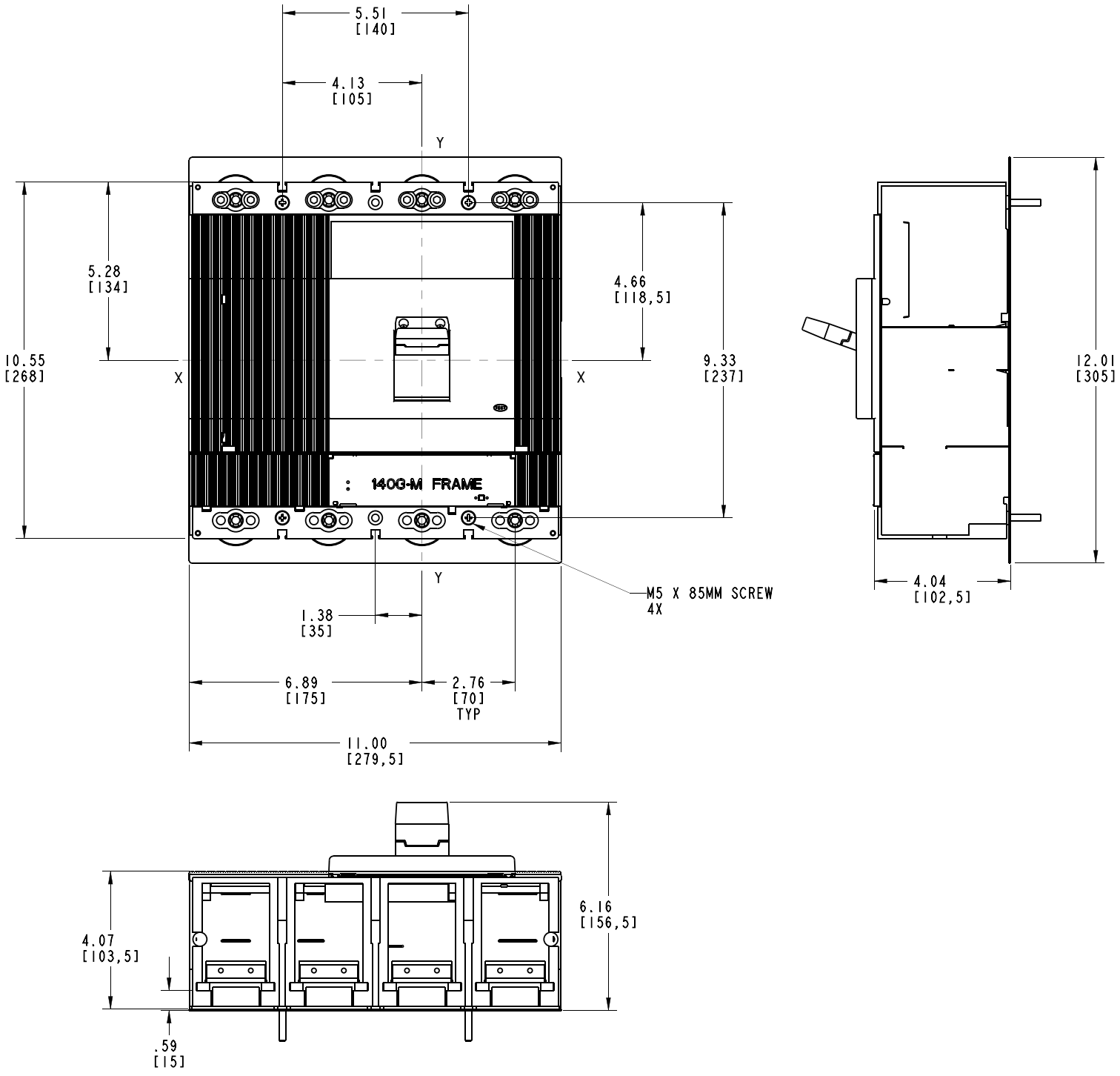


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## DIMENSIONAL DIAGRAM






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