# 140GR12S3E25

**Allen-Bradley 140G MCCB R Frame 125kA 3P 2500A Moulded Case Switch Isolator**



| | |
|---|---|
| **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 | 2500 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 | 80 kA |
| | Rated service short-circuit breaking capacity Ics at 400 V, 50 Hz | 60 kA |
| | Type of protection trip unit | Non auto-switch |
| | Frame size rating | 3000 A |
| | Rated frequency | 50-60 Hz |
| | Rated insulation voltage Ui | 1000 V |
| | Suitable for isolation | Yes |
| | Rated short circuit breaking capacity, Icu 690V AC | 40 kA |
| | Rated short circuit breaking capacity, Ics 690V AC | 40 kA |
| | Rated impulse withstand voltage Uimp | 12 kV |
| | Reverse connection of supply possible | Yes |
| | Short time withstand current Icw, 1 sec | 40 kA |
| | Power loss | 219 W |
| **DIMENSIONS** | Height | 382 mm |
| | Width | 428 mm |
| | Pole connection pitch | 120 mm |
| | Built-in depth | 282 mm |
| | Depth (toggle included) | 284.5 mm |
| | Weight | 79 kg |
| **ENVIRONMENT** | Rated surrounding temperature without derating | 40 °C |



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| **ENVIRONMENT** | **Maximum operating temperature** | 75 °C |
| | **Storage temperature** | -40…80 °C |
| | **Max. altitude before derating** | 2000 m |





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