140GR12S4E25

Allen-Bradley 140G MCCB R Frame 125kA 4P 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.

ELECTRICAL	Rated current In	2500 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	80 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	292 W
DIMENSIONS	Height	382 mm
	Width	554 mm
	Pole connection pitch	120 mm
	Built-in depth	282 mm
	Depth (toggle included)	284.5 mm
ENVIRONMENT	Rated surrounding temperature without derating	40 °C
	Maximum operating temperature	75 °C
	Storage temperature	-40…80 °C
	Max. altitude before derating	2000 m

Published on 28 July 2026