140GNS6K4E12

Allen-Bradley 140G MCCB NS Frame 70kA 4P 1200A Electronic LSIG Maintenance Instantaneous



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**	1200 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	Electronic release
	Trip curve	LSIG
	Frame size rating	1250 A
	Long time overload protection adjustment range	480-1200 A
	Instantaneous protection adjustment range	1800-18000 A
	Integrated earth fault protection	Yes
	Rated frequency	50-60 Hz
	Rated insulation voltage Ui	1000 V
	Suitable for isolation	Yes
	Rated short circuit breaking capacity, Icu 690V AC	42 kA
	Rated short circuit breaking capacity, Ics 690V AC	31.5 kA
	Short time protection adjustment range	720-12000 A
	Rated impulse withstand voltage Uimp	8 kV
	Reverse connection of supply possible	Yes
	Electrical life at Un, In (service cycles)	2000 cycles
	Short time withstand current Icw, 1 sec	15 kA
	Power loss	336 W
MECHANICAL	**Mechanical life (service cycles)**	10000 cycles

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DIMENSIONS	Height	268 mm
	Width	280 mm
	Pole connection pitch	70 mm
	Built-in depth	178 mm
	Depth (toggle included)	193 mm
	Weight	14 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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