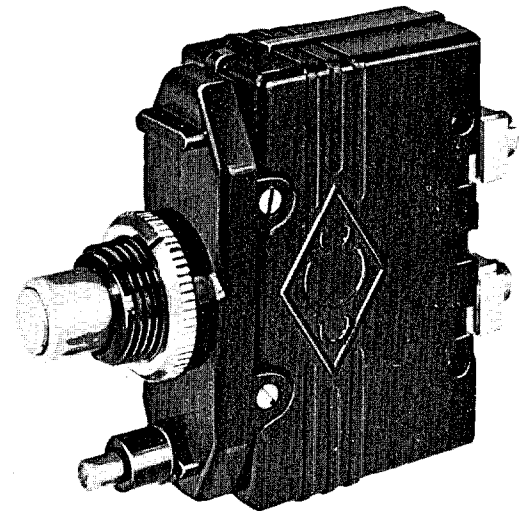




MINIATURE CIRCUIT BREAKERS

Preferred Current Ratings (Ir):	0.3, 0.5, 0.7, 1, 2, 3, 5, 8, 10, 15 and 20 A The circuit breakers will hold in indefinitely on all currents up to 1.1 times the rated value			
Breaking Capacity (maximum):	300 A for ratings up to 3 A } at 0.8 500 A for ratings of 5 A and over } power factor			
Tripping Times:	At $1.5 \times I_r < 5$ min *At $10 \times I_r$ a.c. < 10 ms At $2 \times I_r < 60$ s *At $15 \times I_r$ d.c. < 10 ms At $5.5 \times I_r < 7$ s *Magnetic			
Breakdown Voltage (d.c.):	> 4 kV between terminals > 6 kV between linked terminals and metal panel			
Working Voltage (maximum):	275 V a.c. (r.m.s.) 60 V d.c.			
Insulation Resistance:	> 10^3 M Ω			
Insertion Resistance:	Rating	L5100	L5200	Tol.
	0.3 A	8.1 Ω	9.2 Ω	$\pm 16\%$
	0.5 A	2.9 Ω	3.3 Ω	$\pm 16\%$
	0.7 A	1.6 Ω	1.8 Ω	$\pm 16\%$
	1 A	0.8 Ω	0.9 Ω	$\pm 16\%$
	2 A	95 m Ω	0.12 Ω	$\pm 16\%$
	3 A	70 m Ω	80 m Ω	$\pm 16\%$
	5 A	46 m Ω	50 m Ω	$\pm 16\%$
	8 A	24 m Ω	26 m Ω	$\pm 16\%$
	10 A	17 m Ω	18.5 m Ω	$\pm 25\%$
	15 A	9 m Ω	10 m Ω	$\pm 30\%$
	20 A	6 m Ω	6 m Ω	$\pm 50\%$
Temperature Range:	-55° to +70 °C			
Heat Cycles:	H5 (DEF-5011)			
Altitude:	D1- Satisfactory to 9 000 m 30 000 ft (DEF-5011)			
Acceleration:	A1- Satisfactory to over 35 g (DEF-5011)			
Signalling Contacts: (if fitted)	Single pole change-over Maximum rating 1 A at 250 V a.c. or 50 V d.c., substantially non-inductive.			
Maximum Wire Size:	7/0-029 inch			
Weight (average):	According to type, 1.9 oz 54 g minimum 2.3 oz 65 g maximum			



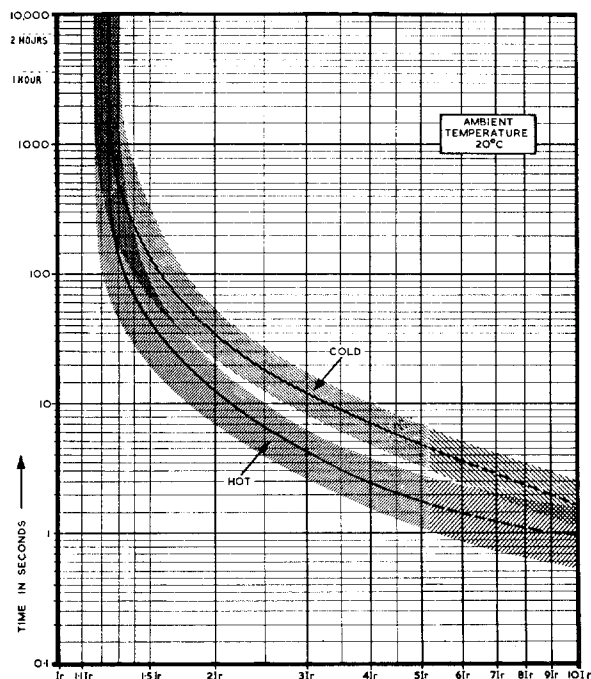
L5000

**SECUREX
MINIATURE
CIRCUIT
BREAKERS**

CIRCUIT PROTECTION

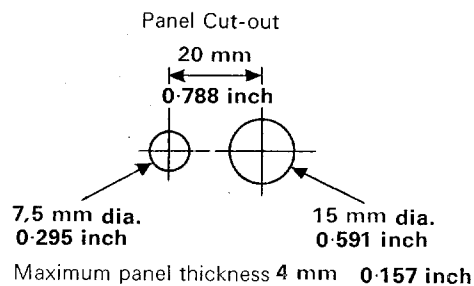
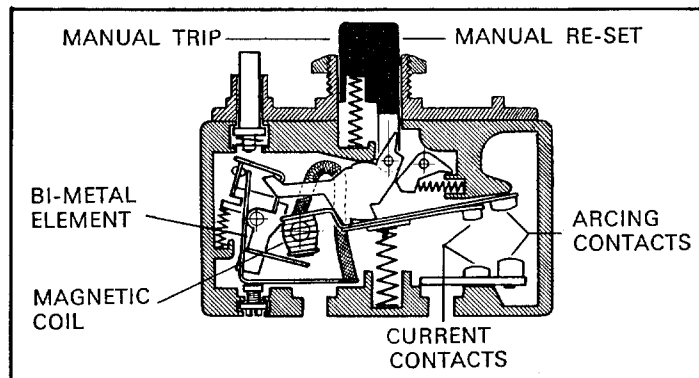
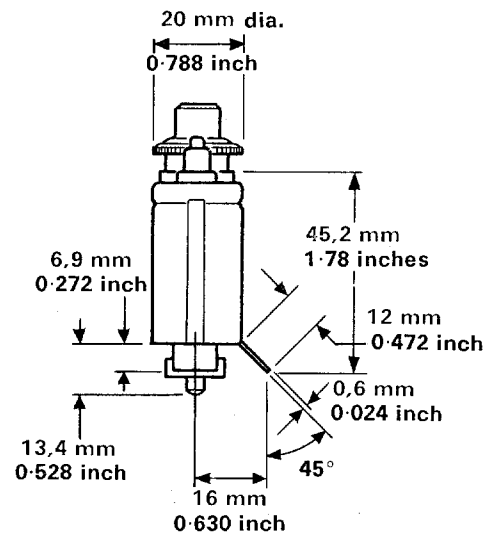
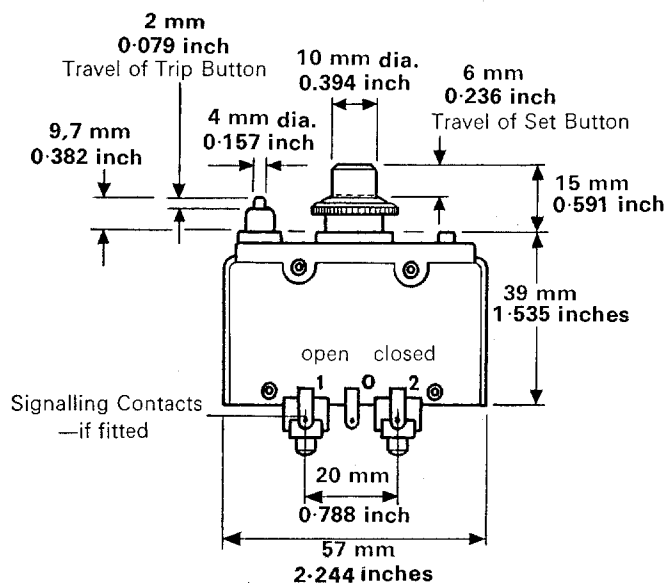
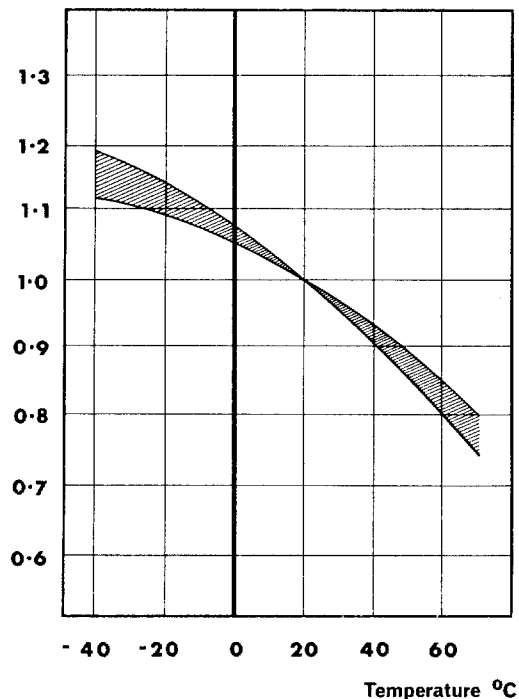
SECUREX

TYPICAL THERMAL RELEASE CHARACTERISTICS



LIMITS OF THE INFLUENCE OF TEMPERATURE

Correction Factor



BELLING & LEE LTD GREAT CAMBRIDGE RD ENFIELD MIDDX ENGLAND

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