

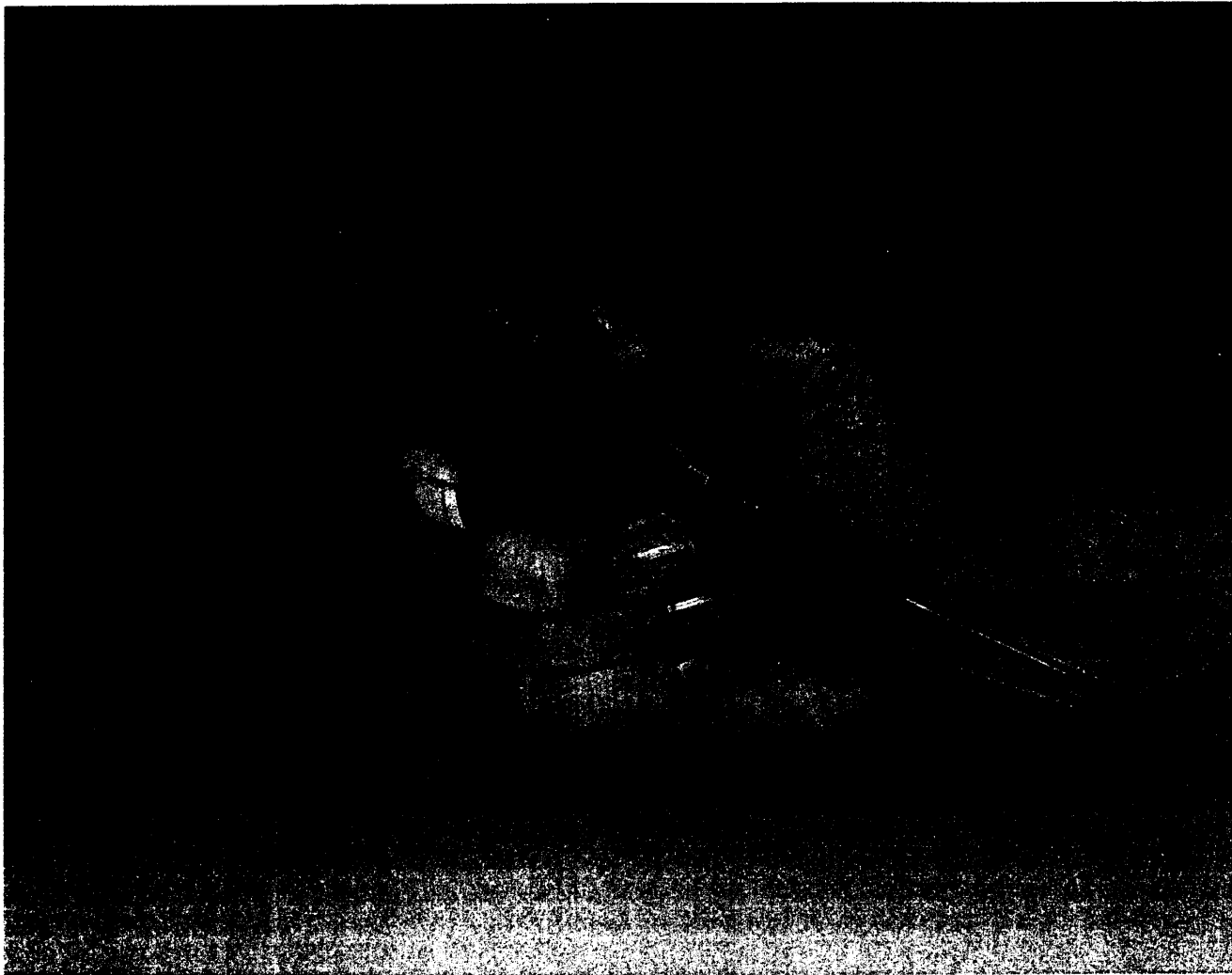
Northern Design

FIRST IN POWER

M1 CLIP-ON C.T.

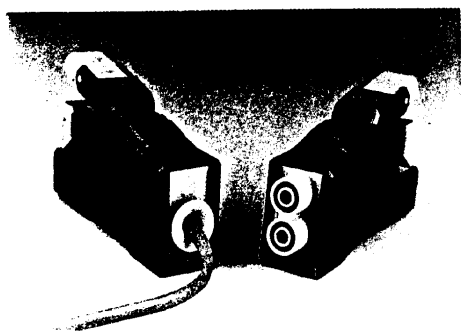
MICRO 2000 RANGE

107-256

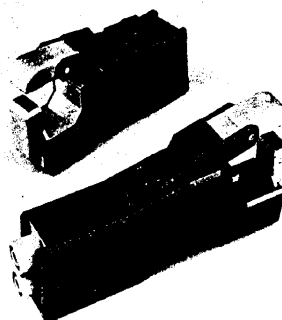


- ND** MINIATURE CLIP-ON A.C. CURRENT TRANSFORMERS
- ND** LOW COST WITH A THREE YEAR GUARANTEE
- ND** 200A NOMINAL FULL SCALE CURRENT
- ND** CONTINUOUS MEASUREMENT FROM 100mA to 200A
- ND** MEASURES SHORT TERM OVERLOADS TO 600A
- ND** USEFUL OPTIONS FOR ALL APPLICATIONS

TECHNICAL SPECIFICATION	M1
MEASUREMENT RANGE	100mA to 200A Continuous 400A for 3 minutes 600A for 30 seconds
RATIO	1000 : 1 (1A:1mA)
FREQUENCY	40Hz to 10kHz (200A max at 2kHz)
BURDEN	10 Ohm nominal. 50 Ohm max.
ACCURACY	Amplitude — $\pm 1\%$ rdg. 10A to 600A $\pm 2\%$ rdg. 1A to 10A $\pm 3\%$ rdg. 100mA to 1A Phase — Between 0.5° to 2.5° dependent on current burden & frequency. 0.5° for burden <10 Ohm, current 100A to 400A and frequency 50 to 1kHz
INTERNAL RESISTANCE	20 Ohm
MAX. OPERATING VOLTAGE	660V
DIELECTRIC TEST	3000V 50Hz for 1 minute
TEMPERATURE RANGE	Working -10 to +50°C. Storage -20 to +75°C
OUTPUT CONNECTION	4mm Safety Sockets as standard
JAW SIZE	Swing jaw accommodates a 15mm diam. cable or a 15 x 17mm bus-bar
SIZE & WEIGHT	43 x 23 x 94mm. 105 gms.
OPTIONS	Captive output cable 0 to 1V d.c. output 0 to 2V a.c. output Larger, body size to accept up to 2 p.c.b.s. Case cut out (can accept, i.e. a switch) O.E.M. specials to order



4mm and captive output



Different body sizes

