

SCOPE

SCOT MXP

Circuit Breaker
Time Interval Meter



Forget about high tension...
SCOT measures CB timings in live switchyards

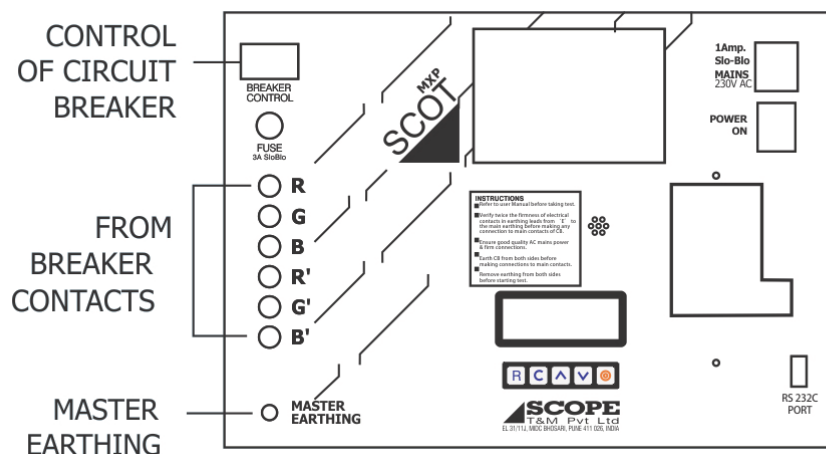
The Product

SCOT Series of CB Time Interval Meter from SCOPE are compact and reliable instruments to measure operating time of all types of HV/EHV circuit breakers under charged switchyard conditions up to 400kV. SCOT MXP measures, displays and prints CLOSE, OPEN and CLOSE-OPEN time in various configurations. The MXP has a special mode to measure Pre-insertion resistor (PIR) closing time.

Features

- Select the operation and mode to be performed e.g. CLOSE, OPEN or CLOSE-OPEN
- Operating time of all three poles are measured and displayed simultaneously on the display
- Test results can be stored and downloaded to a PC using SCOPE's CDATA software
- Inbuilt clock to tag date and time of test to the readings
- 4 line 20 character backlit LCD display for menu and results
- Inbuilt memory to hold results of last 50 tests
- Easy to use menu driven user interface for operation
- Diagnostics for instrument condition and calibration watch
- Inbuilt thermal printer for printing results

Connections



Specifications

- Channels : Maximum eight in PIR mode
- Breaker Control : Solid state contacts rated 300V / 30A for breaker operation
- Output : 4 line 20 character backlit LCD RS 232C port for downloading data to PC
- Printer : Inbuilt thermal printer, 55 mm wide
- Range : 999ms maximum
- Resolution : 1ms
- Measuring accuracy : Value $\pm 0.05\% \pm 1$ digit
- Test Leads : Set of 15m, wear resistant test cables
- Environment : 0° to 50°C, 95%RH (Non-condensing)
- Power : 230V AC $\pm 15\%$, 50Hz $\pm 10\%$, 25VA
- Dimensions : 430 x 345 x 160 mm
- Instrument Weight : 6kg

SCOPE of Supply

Description	Std Qty
SCOT MXP Circuit breaker time interval meter complete with 15 Meter test lead set & CDATA 1.0 PC downloading & Analysis software	1 set

Note: Calibration Certificate having traceability to NABL is supplied

Ordering Code

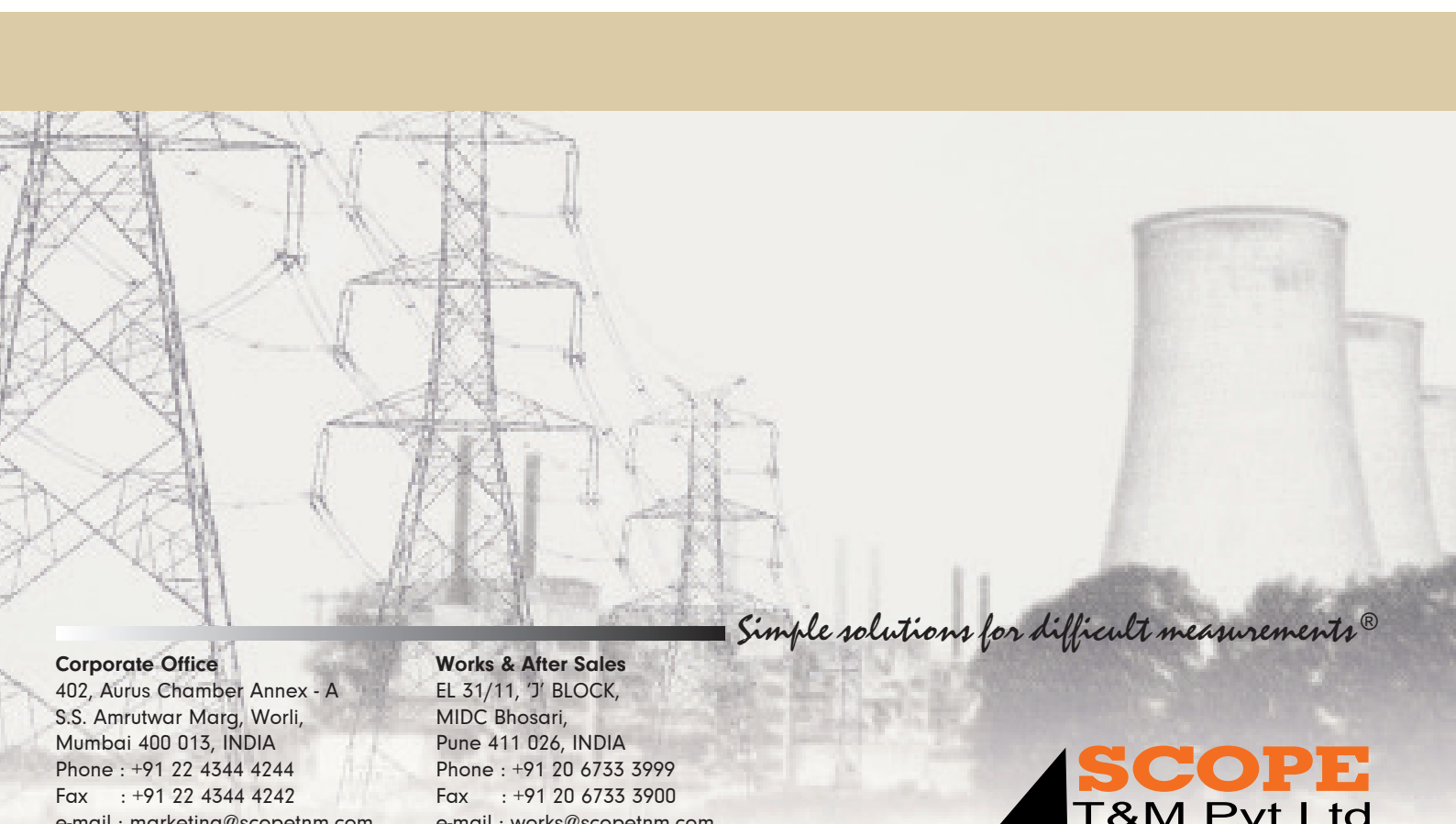
Example: SCOT MXP		F	1	F	F	F	N	F	F	R	R	I	N	#
SCOT MXP		F		F	F	F		F	F					
F	Reserved												Customised	Z
N	None												None *	N
1	With Software *												Universal Plug	U
F	Reserved												Indian Plug *	I
F	Reserved												110V ± 15%, 50/60Hz AC Input	Q
F	Reserved												230V ± 15%, 50/60Hz AC Input *	R
N	None *												Customised Length of Test Lead Set	Z
Z	Customised												15m Test Lead Set *	R
F	Reserved												7m Test Lead Set	S
F	Reserved													

Note : * Standard Feature / Accessory

SCOT MXP (Ordering Code : F1FFNFRRIN) means Circuit breaker time interval meter complete, 15m Test Lead Set, 230V ±15%, 50/60HZ Ac Input, Indian Plug

Generation, Transmission,
Distribution, Industry ...

... there is **SCOPE**
always!



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