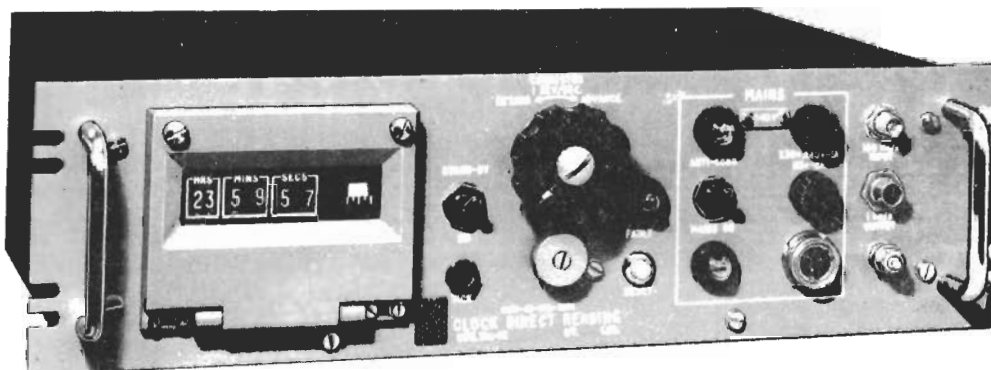


RESTRICTED

BR 333(1)
Original

6645-99-972-5270
CLOCK, DIRECT READING

SUMMARY OF DATA



PURPOSE

A fully transistorised digital clock which may be driven from a standard frequency source to provide accurate time indication in hours, minutes, seconds and quarter seconds.

BRIEF DESCRIPTION

6645-99-972-5270 Clock, Direct Reading is a rack mounted unit designed to convert a 100 kHz signal, obtained from a standard frequency source, into a 1 kHz signal capable of driving a synchronous motor. Suitable gear trains enable the motor to drive a cyclometer read-out clock calibrated in hours, minutes, seconds and quarter seconds. The accuracy of the clock is dependent on the accuracy of the input signal. In addition to the digital read-out the equipment also provides a 1 kHz output at 12.7 V r.m.s. and a 1 kHz sine wave output with a duration of 100 ms at a p.r.f. of one second.

PHYSICAL DATA

<u>Height</u>	<u>Depth</u>	<u>Width</u>	<u>Weight</u>
5½ in	11½ in	19 in	30 lb

POWER REQUIREMENTS

115 V, 230 V, 240 V, 50-60 Hz.
100 kHz standard frequency
Heat dissipation less than 100 w

HANDBOOK

BR 2425

ESTABLISHMENT LIST

No separate 'E' List, usually part of FSA(4)

INSTALLATION SPECIFICATION

No separate installation Specification

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9.31/32