

MASTER / REMOTE SYSTEMS

AE SERIES OPTIONS 348 & 349



SHOW THE SAME TIME, DATA or PROCESS VARIABLE ON MULTIPLE DISPLAYS THROUGHOUT YOUR FACILITY.

VISIBLE FROM 5 FEET TO 500 FEET AWAY...

IDEAL FOR CLOCK SYSTEMS, TIMERS, PROCESS INDICATORS, AND MESSAGE DISPLAYS.

MULTI-DROP UP TO 40 REMOTE DISPLAYS FROM ONE MASTER ON A SINGLE THREE CONDUCTOR DATA CABLE UP TO 1000 FEET.

THE AE SERIES MASTER / DRIVER OUTPUT OPTION CAN BE INSTALLED IN ANY

AE SERIES DISPLAY INCLUDING: CLOCKS, ELAPSED TIMERS, 4-20 MA PROCESS INDICATORS AND RS232 DISPLAYS. AE SERIES DISPLAYS WITH THE

REMOTE DISPLAY OPTION CAN THEN RECEIVE DATA FROM THE MASTER.

THEY SIMPLY REPEAT WHAT IS SHOWN ON THE MASTER.

AVAILABLE FOR ALL 2, 3, 4, 5, AND 6 DIGIT AE SERIES DISPLAYS.

AE SERIES DISPLAYS ARE AVAILABLE WITH 1", 2.3", 4", 8", AND 12" HIGH DIGITS.

TWO YEAR WARRANTY



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DESCRIPTION

Options 348 and 349 provide a master / remote system for the AE Series Displays. The Master / Driver Output Option (348) can be installed in any of the AE Series Displays including: Multi-Function Clock/Timers, Elapsed Timers, Run Time Accumulators, 4-20 MA Process Indicators and RS232 Displays. The output provides synchronous, serial, clock and data pulses at a level of approximately 12 -15 VDC. Option 349 converts any AE Series Display into a Remote Display. AE Series Remote Displays receive the synchronous, serial data from the master and simply display the same data as shown on the master. Up to 40 Remote Displays can be connected to each Master on a single, three conductor data cable up to 1000 feet away.

APPLICATIONS: Clock Systems for schools, factories, hospitals and facilities.
Monitor and display critical process variables in multiple locations.
Count and Display Production quantities in multiple locations.
Display process sequence numbers, maintenance call numbers or phone extension numbers in multiple locations.

SPECIFICATIONS

MASTER /DRIVER OUTPUT (348):

OUTPUT: THREE WIRE, SYNCHRONOUS SERIAL DATA. (CLOCK, DATA AND COMMON)
VOLTAGE LEVEL: 12 - 15 VDC PULSES. DRIVES UP TO 40 AE SERIES DISPLAYS WITH THE REMOTE DISPLAY OPTION INSTALLED.

BATTERY: RECHARGEABLE NI-CAD BATTERY BACK-UP KEEPS TIME AND DATA FOR THE AE SERIES MASTER DURING POWER OUTAGES. NOT REQUIRED FOR THE AE SERIES REMOTE DISPLAYS

REFER TO THE BROCHURE FOR THE SPECIFIC FUNCTION AND CONFIGURATION OF THE AE SERIES MASTER DISPLAY FOR ALL OTHER SPECIFICATIONS.

REMOTE DISPLAY (349):

INPUT: THREE WIRE SYNCHRONOUS SERIAL DATA, 12 -15 VDC (RECEIVE ONLY).

CLOCK - USES OPTO-ISOLATED INPUT K2+ (WH/GRN)
DATA - USES OPTO-ISOLATED INPUT K1+ (WH/BRN)
COMMON K1-, K2- (BLK/RED)

REFER TO THE BROCHURE FOR THE SPECIFIC CONFIGURATION OF THE AE SERIES REMOTE DISPLAY FOR ALL OTHER SPECIFICATIONS.

ORDERING INFORMATION

Most AE Series Displays are configured to your specifications at the time of your order. Their modular design allows them to be constructed from Off-The-Shelf components and assemblies in quick order.

Choose the desired type, size, number of digits, and other requirements from the AE Series Large Display brochure. Adding "348" to the end of the model number indicates the Master / Driver Output Option is installed. For example: An AE86-354-348 is an Eight Inch, Six Digit Display with the RS232 Input Option (354) and the Master Driver Output Option (348). Adding "349" to the end of a model number indicates the Remote Display Option is installed. No other functions are required with Option 349.

FOR ASSISTANCE CALL 800-444-7161