



ControlKraft Digital

Programmable Remote Control Unit

The ControlKraft Digital allows the user to remotely control our modular FlexKraft rectifier. The layout and feel of the ControlKraft Digital is identical to the local control on our FlexKraft units, which allows an easy transition from local control to remote control. It is possible to

run in DC-mode or program-mode and offers the flexibility to choose between 4 different programs to run, each with 8 steps. Programs can be designed to combine ramp, step, and pulse shapes to best suit the user's needs.

FEATURES

Number of programs:	4
Steps per program:	8
Time per program step:	0–30000 sec. Resolution 1 second
Ah-limit:	0–999999 Ah. Resolution 1 Ah
End Of Process:	Current and voltage are controlled at programmable levels. Indication is given on display. Buzzer & LED. Indication can also be provided on Digital I/O as option.
Support for dual mode:	Yes
Support for PRU:	Yes (requires polarity reversal option)

RECOMMENDED CABLES

- Belden 3079A 444880-88, diameter 8 mm
- Alpha 6462 PROFIBUS, diameter 8 mm
- Siemens Profibus LAN cable 6XV1 830-0AH10, diameter 8 mm
- Alpha 6460 RS485, diameter 5 mm

OTHER FEATURES

- Indication of current program step on display.
- Indication of process time on display.
- Indication of remaining process time on display.
- Visual and audio indicator
- Pauses process at current program step and allows it to be resumed later.
- In DUAL mode two different or identical programs can be run independently of each other. The programs can be started and stopped independently.
- Programs can be edited while running. The changes take effect the next time the program is run.
- Programs can be started from the keypad, by serial communication or by an external switch (requires serial communication option or digital inputs option).

TECHNICAL SPECIFICATIONS

Operating temperature:	32 – 104 °F
Humidity:	10 – 90% RH, non-condensing
CPU:	16-bit microprocessor
Protection:	Enclosure with transparent front cover, IP54
Dimensions:	W x D x H = 14.0" x 6.3" x 12.4"
Weight:	6.6 lbs