



MicroKraft

Advanced Controller and HMI of ESP Power Supplies

KraftPowercon is a global supplier of High voltage Power Supply

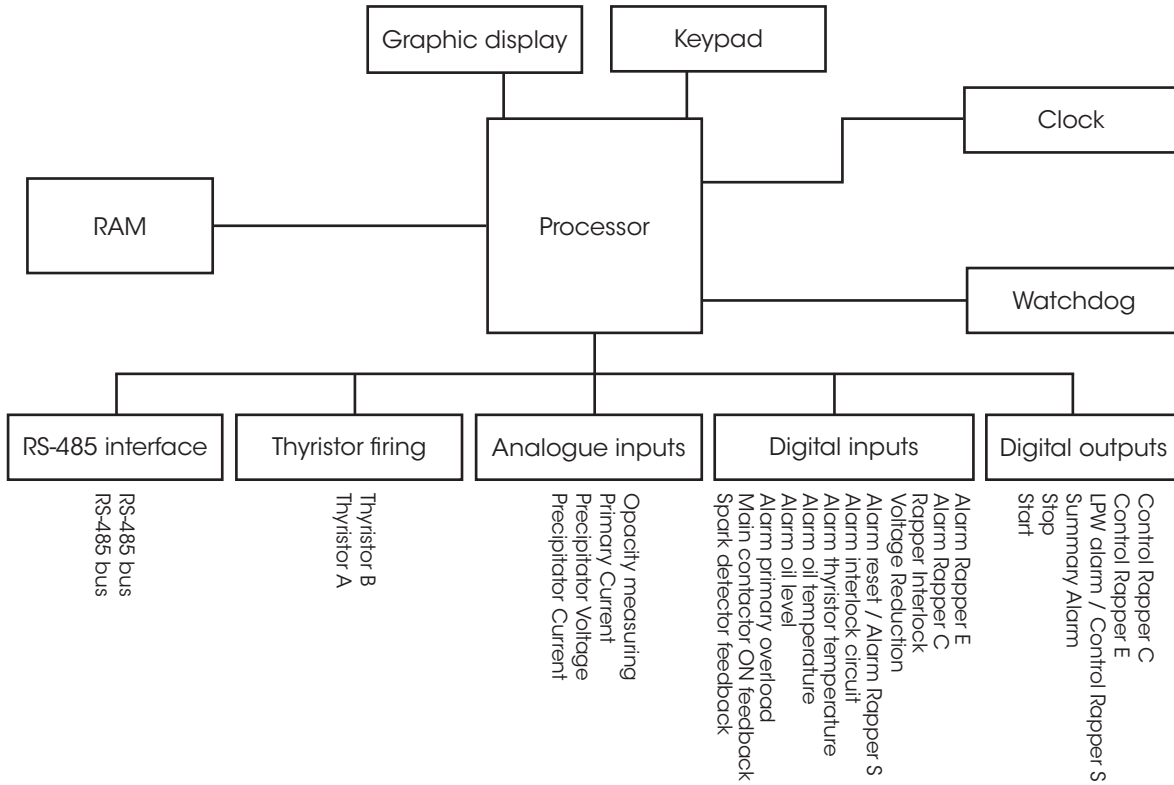
MicroKraft III "MKIII" is ESP application oriented control unit to optimize the control of Power supplies for both Single and Three phase Transformer Rectifiers. This easy to use controller allows you to stay in control, with the help of a few push buttons which make MKIII to user friendly Human Machine Interface HMI.

Main Features

- Control Both single/two Phase and Three Phase Transformer rectifiers
- Basic energization mode
- Intermittent energization mode CBO
- Deionization after sparks
- Opacity control
- Back corona Control
- Remote control via Modbus, profibus or profinet
- Rapper control
- Spark Control which is setable to high spark rate per minute
- Control mode in both Volatge / Current ramp
- Battery backup
- Alarms event control and monitoring
- Individual program can be saved for different gas flue
- Several Languages available (EN,SE,FR,ES,DE,BA,DA,PL,NL,IT,TR,RU,PO)
- CO and voltage reduction

Option

Control up to 3 rapper motors per each controller. Blocker between controllers to avoid simultaneous rapping.



Technical data

Power Supply	24V AC ± 10%
Display	240 x 64 dot. matrix LCD
Connector	64 poles Oin Header to DIN 41651
Inputs	5 analogue 12 digital
Outputs	8 digital
Communication bus	RS-485
Ambient temperature	+5 to +60 °C
Dimensions (W x H x D)	315 x 205 x 45 (l x w x d)
Weight	3 kg
Degree of protection	IP 54 at the front
Panel Cut Out (W x H)	256 x 176 mm

