

# Programmable E-Line – Supported Fbox libraries

## Standard

- Analog I/O
  - PCD2/3
  - PCS1
  - Sensor Error
  - Weigh module
- Binary
  - Arithmetic
  - Buffer
  - Flip-Flop
  - Indirect addressing
  - Ladder diagram
  - Multiplexer
- Blocks Control
  - Call FB
  - Call PB
  - Call SB
  - End of transition
  - Execute XOB
  - Install cyclic task
  - XOB Diagnostics
- Communication S-Bus
- Communication Text
  - Conversion
    - BCD to
    - Binary to
    - Count bits
    - Floating Point to
    - IEEE to
    - Integer to
    - IP address to
  - Counter
    - Counter (Graftec)
    - Pulses counter
  - Data Block
    - DB Logger
    - Init DB
    - Read DB
    - Text/DB address
    - Write DB
  - Display module
  - Energy Meter
  - File System
- Floating Point
  - Integer
  - IP Protocols
  - Modem RF
  - PWM outputs
- System information
  - Battery
  - Clock on SuperCap
  - CPU LED
  - Hardware Watch Dog
  - PGU Switch / PCS1
  - Read CPU type
  - Read device type
  - Read EEPROM Register
  - Read firmware version
  - Read IP configuration
  - Read S-Bus PGU parameters
  - Read S-Bus station
  - Read serial number
  - Read system counter
  - Read time
  - Read user program name
  - Software Watch dog
  - Summer Time
  - System self test
  - Write EEPROM Register
  - Write IP configuration
  - Write S-Bus station
  - Write time
- Timer
- Wide Area Automation

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## Application

- Alarm
- Blind - Lighting
- BuES P1
- BuES1++
- Communication Email
- Communication HTTP
- DALI Driver
- DALI-E-Line Driver
  - Command Fboxes
  - Communication Driver
  - Configuration Fboxes
  - Master Receive Fboxes
  - thebenHTS
- DALI-F26x Driver
- Data buffer
- DDC Suite
- DDC Suite 25
- EIB Driver
- E-Line
- Energy Meter
- EnOcean Bidirektional
- EnOcean V3
- E-Suite
  - Communication
  - Electric
  - General
  - HVC
  - Web
- Historic Data Logging
  - HVC
    - Analogue
    - Clocks
    - Controllers
    - Electric
    - Energy
    - Filters
    - General
      - Init
        - Initialization HVC 4
        - Initialization HVC 5
        - Initialization HVC 7
        - Initialization HVC 8
        - Reset Heavac
      - Set-points
    - Test
  - JCI N2-Bus
  - Lon
  - Lon IP+FT
  - Modem
  - MP-Bus
  - PEHA PHC
  - Persy\_P\_bus\_Gateway
  - Persy\_P\_bus\_Gateway\_read
  - Room controller
  - Saia PCD Modbus
  - S-Monitoring

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