XAP TECHNOLOGY
SOLUTIONS FOR YOUR FUTURE

▶ ELECTRONIC DISTRIBUTION SYSTEMS:

RTCX-120







ELECTRONIC POWER DISTRIBUTION SYSTEM FOR ALL PURPOSES.

The new powerbox RTCX by XAP integrates the latest generation of high performance power transistors. They are used to replace fuses and relays preserving flexiblity and the specificity of a custom system.

They allow individual protection of each output thanks to configurable current thresholds defined by user with XAP software: RTCM conf (provided).

Some outputs are PWM controlled to drive some equipment.

Electronic equipment of your vehicle is perfectly protected.

XAP electronic powerboxes are plug and play compatible with our data loggers, dashboards, multiplexed keypads and steering wheels.

RTCX network can be done. Mutiple RTCX can communicate by CAN bus in master/slaves mode or independent mode.

Some functions are available directly:

- Wiper, Any Lights, fuel pump, flash mode, etc.

SIMPLIFY THE DESIGN OF YOUR ELECTRICAL LOOMS

ADD FLEXIBILITY TO YOUR ARCHITECTURE

WIRE SECTION REDUCTION

LOOMS WEIGHT REDUCTION

WATERPROOF

EXCELLENT VIBRATION RESISTANCE

OUTPUT STATUS AND CONSUMPTION DIAG

OUTPUT CONFIGURABLE PARAMETERS :

- Overcurrent blanking time
- Maximum current value
- Continuous or alternating output (flashing)
- Memory effect control or delayed command
- Automatic resetting strategy in case of overcurrent (returned)

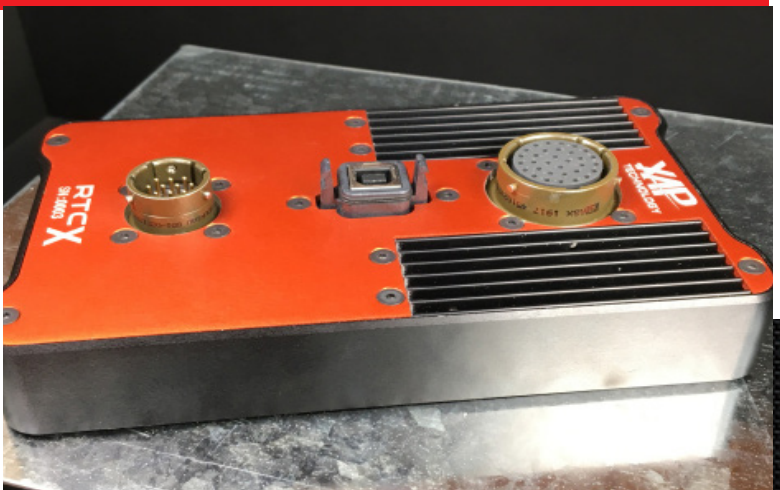
PWM AVAILABLE ON FEW OUTPUTS UP TO 20 KHZ

MILITARY CONNECTORS

MAIN BATTERY RELAY MANAGEMENT (FIA)

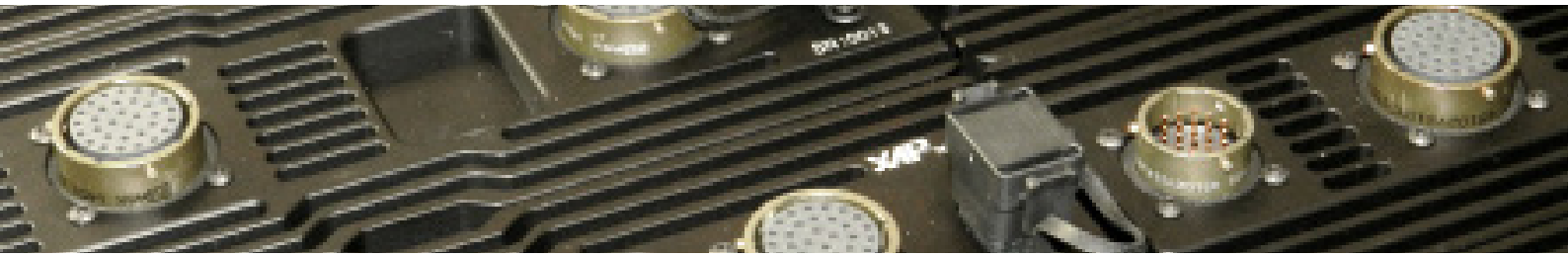
FULLY CONFIGURABLE WITH PC SOFTWARE (PROVIDED)

COMPATIBLE WITH ALL XAP DEVICE, AND ALL EQUIPMENTS THAT USE CAN PROTOCOL

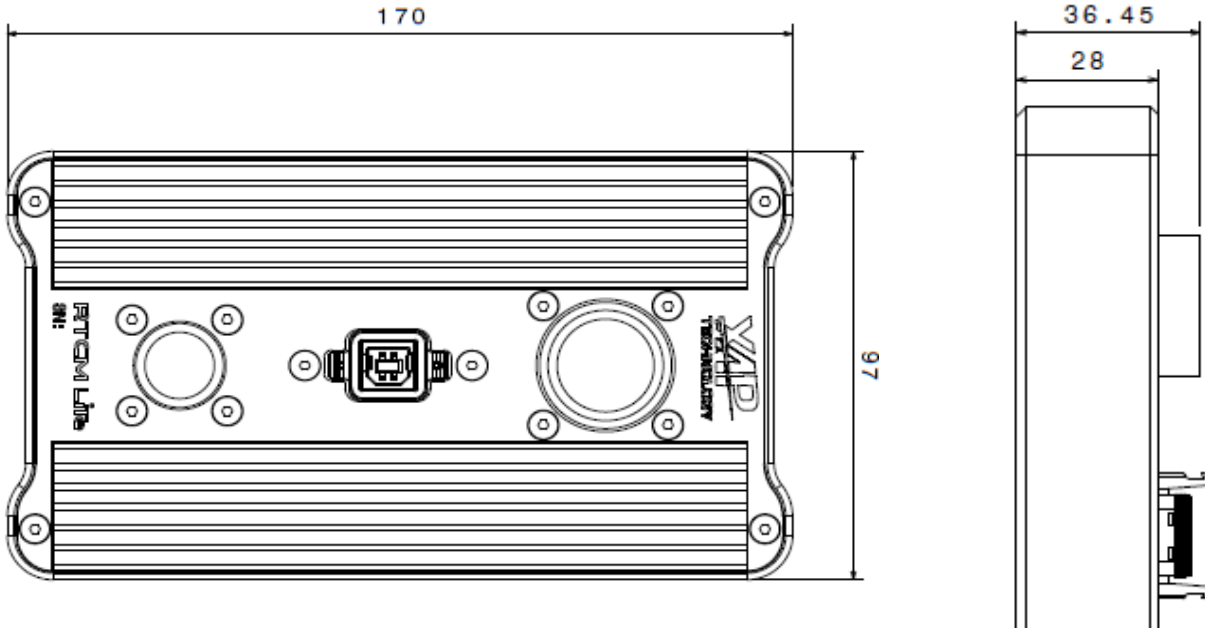




MORE INFORMATION ON WWW.XAP.FR



DIMENSIONS



TECHNICAL SPECIFICATIONS

OUTPUT HP	From 15 to 50 A (8 thresholds) • RTCX-120: 2
OUTPUT MP	From 7.5 to 25 A (8 thresholds) • RTCX-120: 15
Programmable delay monitoring	From 0.15 to 155mS (4 thresholds) for each MP & HP output
Communication protocols	• CAN: 1 • USB: 1 • WIFI: OPTIONAL
Main battery relay management	• RTCX-120: YES
Digital or Analog inputs	• RTCX-120 7 each inputs set by RTCMconf
Connector	Military 451/851 and AS Series Connectors
Weight	• RTCX-120: 700g
Operating temperature	From -10°C to 100°C
Waterproof	IP67
Material	Solid Aluminium Casing

BATTERY MANAGEMENT (FIA)

RTCX-120 can manage main battery master relay (300 A maximum) and safety master switch off.

REFERENCES

RTC X:	RTC X-120
Optionnal: RTCX network (RTCM master & several RTCM slaves)	

RTCMs can be adapted to your needs.
Feel free to contact us for all specific requests.

CLICK HERE TO ORDER ON STORE.XAP.FR

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