

ELECTRONIC POWER DISTRIBUTION SYSTEM FOR ALL PURPOSES.

The RTC range of XAP electronic protection integrates the latest generation of high performance power transistors. They are used to replace fuses and relays on your electrical system while preserving flexibility 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).

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.

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



SIMPLIFIES THE DESIGN OF YOUR ELECTRIC 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 (re-turned)

MILITARY CONNECTORS

MAIN BATTERY RELAY MANAGEMENT (FIA)

FULLY CONFIGURABLE WITH PC SOFTWARE

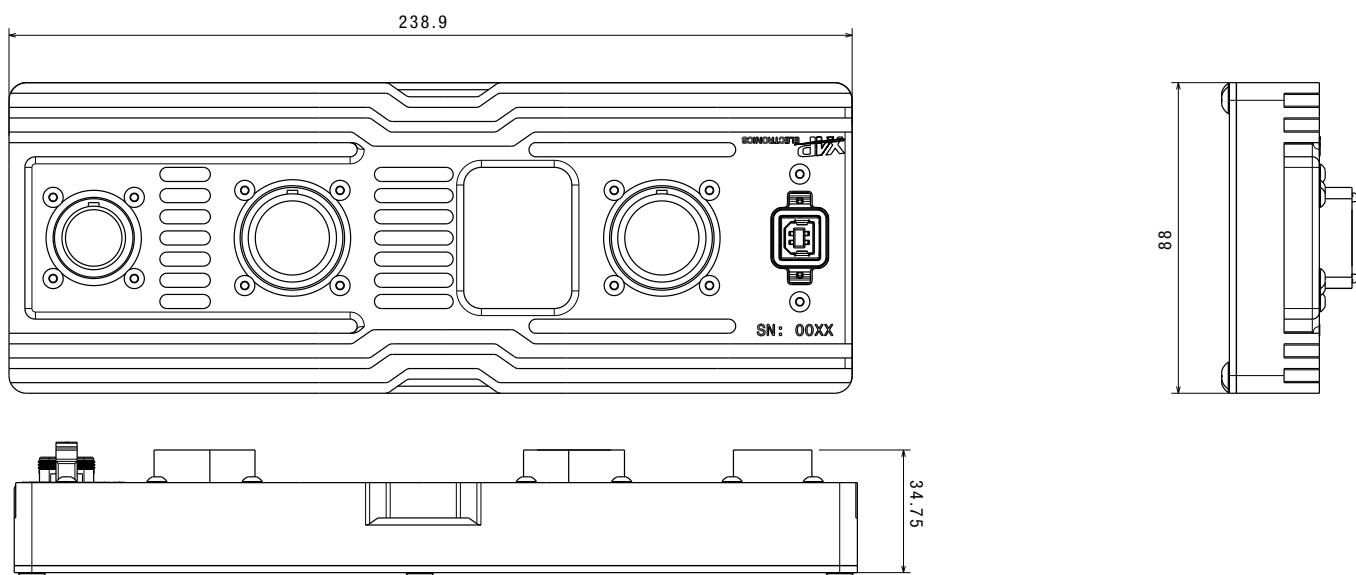
COMPATIBLE WITH ALL XAP DEVICES, AND ALL EQUIPMENTS THAT USE CAN PROTOCOL

SIMPLICITY, SECURITY, RELIABILITY.



► ELECTRONIC DISTRIBUTION SYSTEMS: RTCM

DIMENSIONS (version RTCM-230 or 231)



TECHNICAL SPECIFICATIONS

OUTPUT HP	From 15 to 50 A (peak) (8 thresholds) • RTCM-230: 12 • RTCM-231: 12
OUTPUT MP	From 7.5 to 25 A (peak) (8 thresholds) • RTCM-230: 22 • RTCM-231: 22
Programmable delay monitoring	From 0.15 to 155ms (4 thresholds) for each MP & HP output
Communication protocols	• CAN: 2 (RTCM-230), 1 (RTCM-231) • LIN: 1 (optional) • USB: 1
Main battery relay management	YES
Digital inputs	• RTCM-230: 6 • RTCM-CH-1: 10
Analog inputs	• RTCM-230: 2 (0-5V) • RTCM-231: 0 (0-5V)
Connector	Military 451/851 and AS Series Connectors
Weight	• RTCM-CH-1: 880gr

Operating temperature From -10°C to 100°C

Waterproof IP65

Material Solid Aluminium Casing

BATTERY MANAGEMENT (FIA)

RTCM also manage main battery master relay (300 A maxi) and safety master switch off.

REFERENCES

RTCM-230 : PF0316-B

RTCM-231 : PF0570-A

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

