



Overview

CAN switches				Multiplexed switches				CAN Analog switches				Outputs			
CMD1 UNUSED	CMD4 UNUSED	CAN1 UNUSED	CAN9 UNUSED	MULT1 UNUSED	MULT9 UNUSED	ANA1 UNUSED	ANA9 UNUSED	MP1 MP1	MP2 MP2	MP3 MP3	MP4 MP4	<div><div>MP5 MP5</div><div>MP6 MP6</div><div>MP7 MP7</div><div>MP8 MP8</div><div>MP9 MP9</div><div>MP10 MP10</div><div>MP11 MP11</div><div>MP12 MP12</div><div>MP13 MP13</div><div>MP14 MP14</div><div>MP15 MP15</div><div>MP16 MP16</div><div>MP17 MP17</div><div>MP18 MP18</div><div>MP19 MP19</div><div>MP20 MP20</div><div>MP21 MP21</div><div>MP22 MP22</div><div>HP1 HP1</div><div>HP2 HP2</div><div>HP3 HP3</div><div>HP4 HP4</div><div>HP5 HP5</div><div>HP6 HP6</div><div>HP7 HP7</div><div>HP8 HP8</div><div>HP9 HP9</div><div>HP10 HP10</div><div>HP11 HP11</div><div>HP12 HP12</div></div>			
CMD2 UNUSED	CMD7 UNUSED	CAN2 UNUSED	CAN10 UNUSED	MULT2 UNUSED	MULT10 UNUSED	ANA2 UNUSED	ANA10 UNUSED								
CMD3 UNUSED	CMD8 UNUSED	CAN3 UNUSED	CAN11 UNUSED	MULT3 UNUSED	MULT11 UNUSED	ANA3 UNUSED	ANA11 UNUSED								
CMD4 UNUSED	CMD9 UNUSED	CAN4 UNUSED	CAN12 UNUSED	MULT4 UNUSED	MULT12 UNUSED	ANA4 UNUSED	ANA12 UNUSED								
CMD5 UNUSED	CMD10 UNUSED	CAN5 UNUSED	CAN13 UNUSED	MULT5 UNUSED	MULT13 UNUSED	ANA5 UNUSED	ANA13 UNUSED								
		CAN6 UNUSED	CAN14 UNUSED	MULT6 UNUSED	MULT14 UNUSED	ANA6 UNUSED	ANA14 UNUSED								
		CAN7 UNUSED	CAN15 UNUSED	MULT7 UNUSED	MULT15 UNUSED	ANA7 UNUSED	ANA15 UNUSED								
		CAN8 UNUSED	CAN16 UNUSED	MULT8 UNUSED	MULT16 UNUSED	ANA8 UNUSED	ANA16 UNUSED								
Analog switches															
ANA1 UNUSED	ANA1 UNUSED														
ANA2 UNUSED	ANA2 UNUSED														



ELECTRONIC POWER DISTRIBUTION SYSTEM FOR ALL PURPOSE.

The new powerbox RTCX by XAP integrate the latest generation of high performance power transistors. They are used to replace fuses and relay 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).

Some outputs are PWM controlled to drive some of equipment.

Electronic equipment of your vehicle is perfectly protected.

XAP electronic powerbox are plug and play compatible with our data loggers, dashboard, 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.

SIMPLIFIES 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

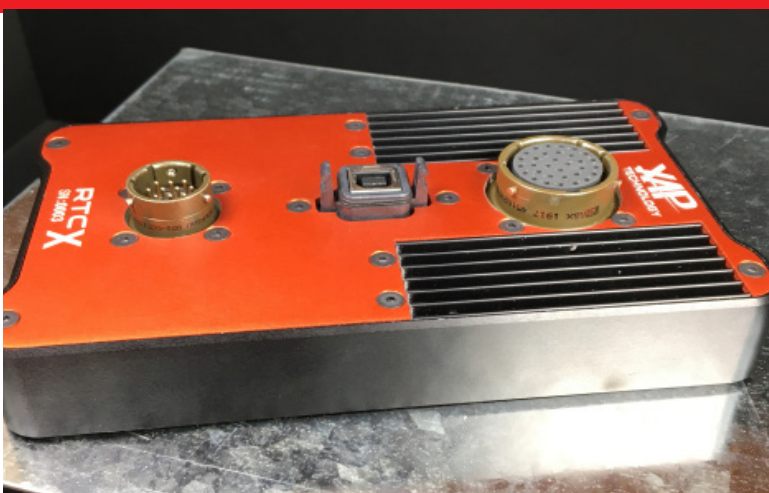
MILITARY CONNECTORS

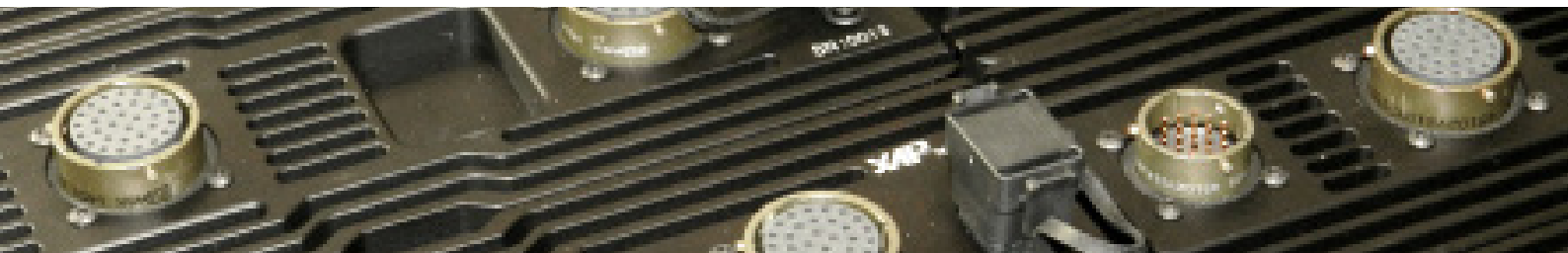
MAIN BATTERY RELAY MANAGEMENT (FIA)

FULLY CONFIGURABLE WITH PC SOFTWARE (PROVIDED)

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

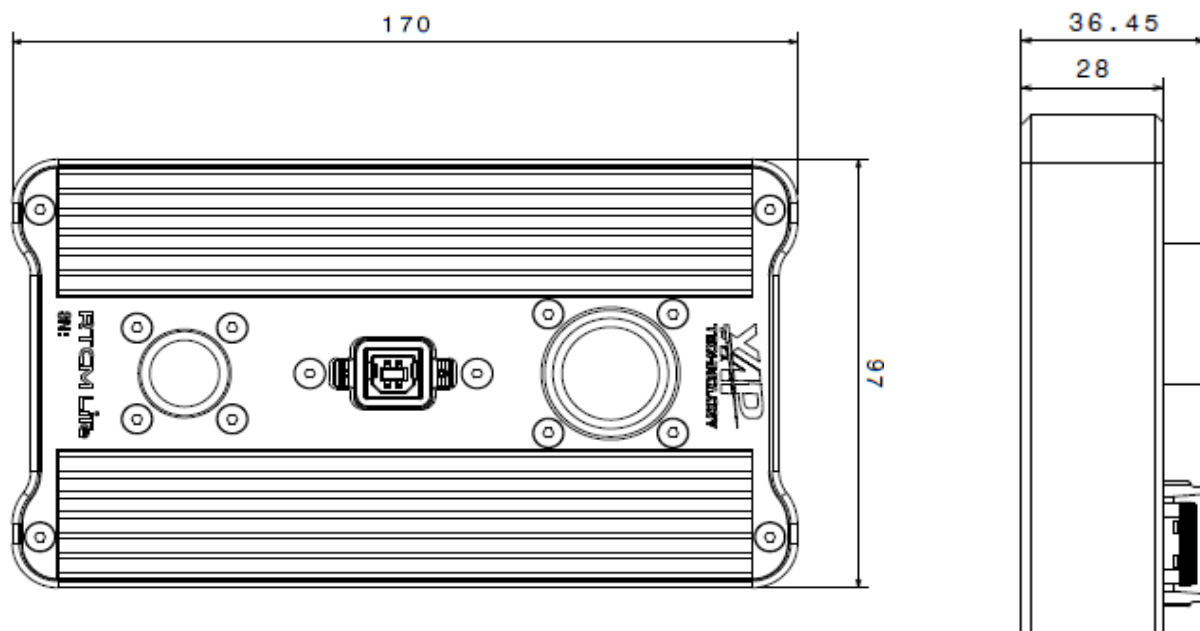
SIMPLICITY, SECURITY, RELIABILITY.





► ELECTRONIC DISTRIBUTION SYSTEMS : RTCX

DIMENSIONS



TECHNICAL SPECIFICATIONS

OUTPUT HP	From 15 to 50 A (8 thresholds) • RTCX-200: 2
OUTPUT MP	From 7.5 to 25 A (8 thresholds) • RTCX-200 : 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-200: YES
Digital or Analog inputs	• RTCX-2000 7 each inputs set by RTCMconf
Connector	Military 451/851 and AS Series Connectors
Weight	• RTCX-200 : 700g
PWM	2 HP and 5 MP available

Operating temperature	From -10°C to 100°C
Waterproof	IP67
Material	Solid Aluminium Casing

BATTERY MANAGEMENT (FIA)

RTCX-200 can manage main battery master relay (300 A maxi) and safety master switch off.

RÉFÉRENCES

RTC X: RTC X-200

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](https://store.xap.fr)