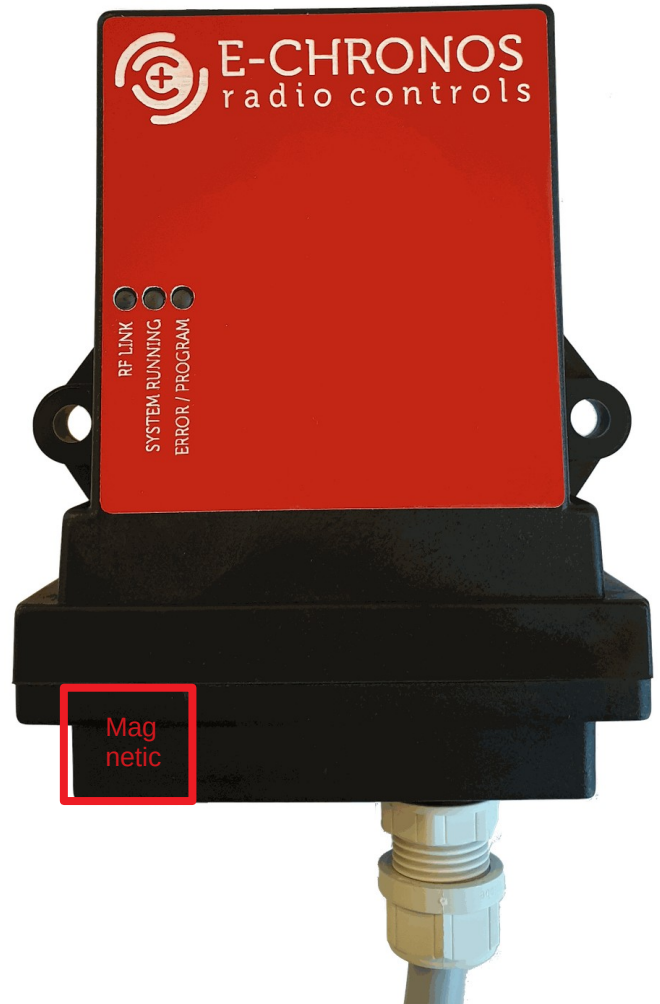
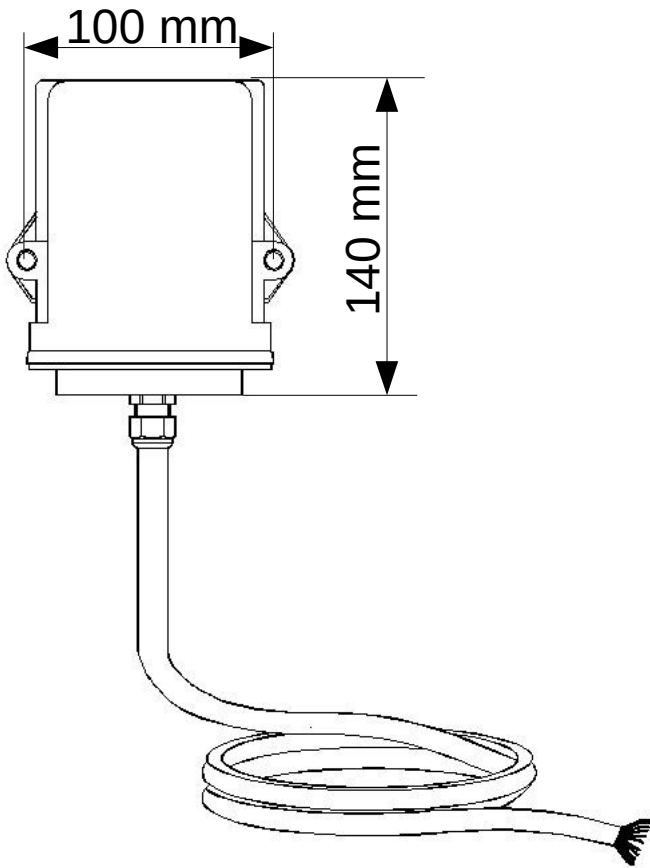


- X7.1 GND (0V)
- X7.2 12V (9-36V)
- X1.1 12V/24V
- X1.2 DOUT0
- X1.3 DOUT1
- X1.4 DOUT2
- X1.5 DOUT3
- X1.6 DOUT4
- X1.7 DOUT5
- X1.8 12V/24V
- X2.1 IN0
- X2.2 IN1
- X2.3 IN2
- X2.4 IN3
- X2.5 IN4
- X2.6 IN5
- X2.7 IN6
- X2.8 IN7
- X3.1 12V/24V
- X3.2 DOUT6
- X3.3 DOUT7
- X4.1 12V/24V
- X4.2 DOUT8
- X4.1 DOUT9
- X5.1 K1 COM
- X5.2 K1 NC
- X5.3 K1 NO
- X6.1 12V/24V
- X6.2 PWM1A
- X6.3 PWM1B
- X10.1 MC1 IN
- X10.2 MC2 IN
- X10.3 MC1 OUT
- X10.4 MC2 OUT
- X11.1 CANL
- X11.2 GND ISO
- X11.1 CANH

MC 2 : CAT3 CAN only

CAN H/L : CAT3 CAN only

Version : -	MAX.YYYY	 E-CHRONOS radio controls	Dessiné par : FAR.Y
	Customer		Le 06.09.2018
Format : A4			E-Chronos


Basic functionality :

DF

Functionality	Normal Condition	Comments
Supply	12-24 VDC	±50 %
1x Main contact	12-24 VDC @ 6A	Free potential
1x Relay	250VAC @ 8A	-20 to +70°C
10x Digitals outputs	12-24 VDC, 2.5A @ 70°C	Transit. protected
8x Digitals inputs	0-24VDC	Transit. protected
1x PWM	12-24 VDC, 3A @ 70°C	Transit. protected
1x Magnetic sensor	digital	Learn function
1x jumper	No 120Ohm CAN termination	120Ohm CAN termination

Other informations :

According to the MU, Category 3 PL d can be reached on the safety relay output. On the wiring, both outputs needs to be monitored.

Operating temperature : -20°C to +70°C

Typical range : 500 m

Passive Estop : < 500ms

Active Estop : < 100ms

Frequency : 863 – 870 MHz (20 Channels)

Transmitting Power : 25mW ERP

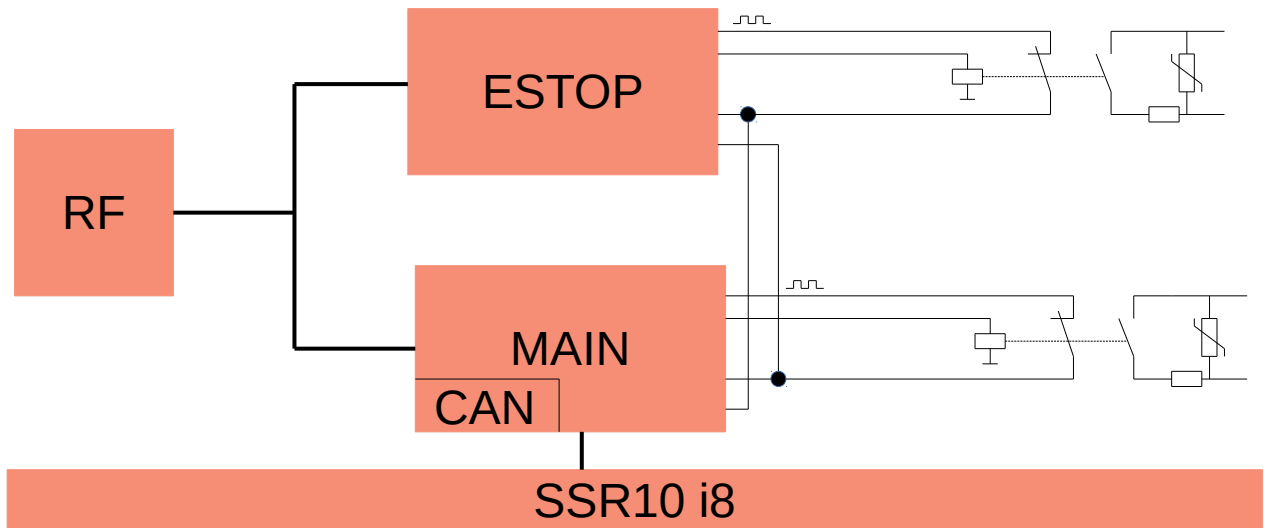
Adaptive Frequency Agility (Automatic Channel Management)

Listen before talk (LBT)

LED description :

Name	Color	ON	OFF	Blink 1x	Blink
RF Link	Green	System Ready	ERROR	-	RF link OK
System running	Yellow	ERROR	ERROR	ERROR	Normal
Error Program	RED	ERROR / PROG	OK	ERROR	ERROR

Block diagram CATEGORY 3 CAN :



Block diagram CATEGORY 1 no CAN :

