

POWER ON WINDOW SAFETY CONTROL SYSTEM

DESTINATION:

Windows closer in intended for car alarm system, to automatically close the windows the car. When alarm system arms, the CENTURION COMFORT close the windows one by one.

PRINCIPLE OF OPERATION:

Windows closer in series turn on the electric motors of window (or sunroof) and begin works after on one of trigger inputs appears control signal (impulse or potential). You have to decide one of the following connections with alarm system:

- 1) **Orange wire is positive trigger input** (connect to alarm system).
- 2) **Brown wire is negative trigger input** (connect to alarm system).

P.S.

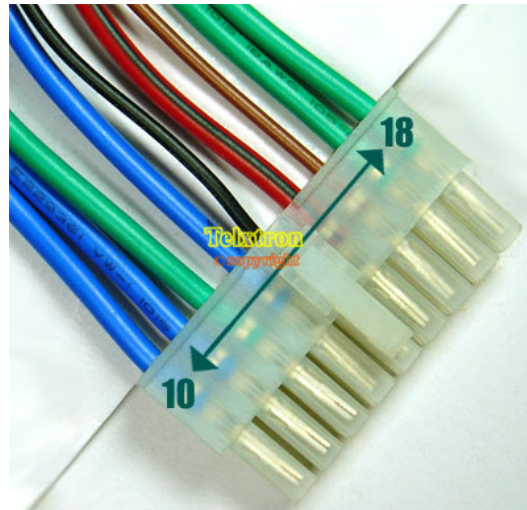
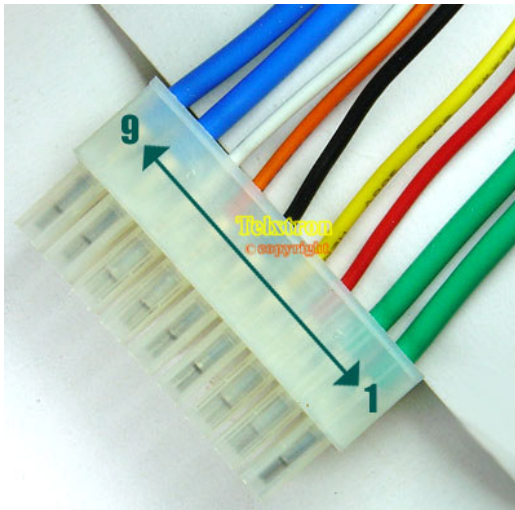
If you decide to connect Orange wire, then you do not need to connect Brown wire.
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Controller automatically switches the channels if the window closed completely or meets in motion an obstacle,

If ignition will be on, the windows immediately stops. Every channel works not more than 12 seconds.

WIRING TABLE

N°	COLOUR	DESTINATION
1	Green	Input 1 button
2	Green	Input 2 button
3	Red	DC +12v
4	Yellow	Ignition input DC +12v
5	Black	Ground
6	Orange	Lock input (+)
7	White	Output for switch off external sensor (alarm sensor)
8	Blue	3 window input
9	Blue	4 window input
10	Blue	1 window input
11	Blue	2 window input
12	Green	Button sunroof input
13	Blue	Sunroof output
14	Black	Ground
15	Red/Black	Power DC +12v or Ground
16	Brown	Lock input (-)
17	Green	Input 3 button
18	Green	Input 4 button



Before installation it needed to define the type of control: (+) **positive** or (-) **negative**.

(+) **positive connection:** Wires from buttons to control motors have in normal state ground, when pressed: DC+12v. If (+) type of control is selected, Red-Black wire must be connected with Red wire.

(-) **negative connection:** Wire from buttons to control motors has in normal state: DC +12v, when pressed GROUND (-). If (-) type of control is selected, Red-Black wire must be connected with Black wire.

ENGINEERING DATA

Supply voltage	DC +12v
Channels	5
Maximum current through relay contacts	15A
Maximum current from output for switch off external sensors	0.2A
Current consumption in idle mode	0.005 A
Maximum time working of every channel	12 seconds

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