Ergophone

Ergonomic telephones

Special variants „S 510 IP/S 510 IP radio" with contact input and pear switch connection
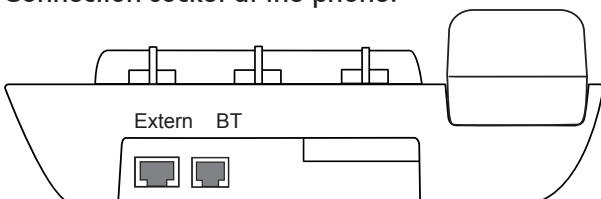
Description „Contact input"

The contact input is a voltage input separated via an optocoupler. If an emergency call is triggered via a connected cord pull switch, the contact closes a current loop to the optocoupler. The outside contact must be neutral. Any number of switches can be connected in parallel. If an emergency call is triggered the emergency numbers assigned to the contact input are dialled.
Voltage range: 10 .. 60 V..
Power consumption: about 3 mA constant.

Description „Pear switch connection"

When connecting a commercially available wired pear switch to the phone an emergency call can be triggered via the pear switch. If an emergency call is triggered the emergency numbers assigned to the pear switch are dialled.
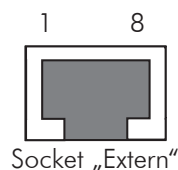
Connection socket at the phone:

„Extern" socket: Connection of cord pull switches (contact input). „BT" socket: Connection of a pear switch.

Wire assignment of the „Extern" socket:

Assignment of the 8-pin RJ45 socket at the phone and of the telephone connecting cable with two 8-pin RJ45 western plugs:
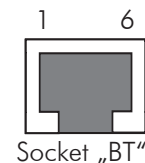
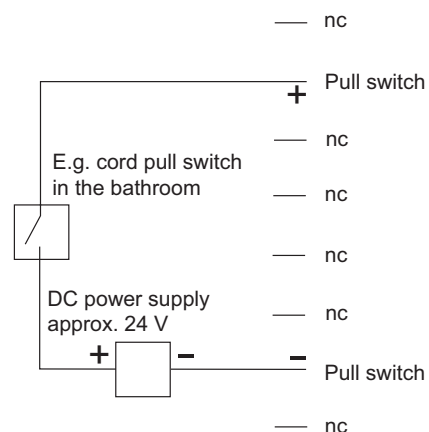|	
1	not connected
2	+ Cord pull switch
3	not connected
4	not connected
5	not connected
6	not connected
7	- Cord pull switch
8	not connected

Socket „Extern"

Wire assignment of the „BT" socket:

Assignment of the 6-pin RJ11 socket at the phone and of the telephone connecting cable with two 6-pin RJ11 western plugs:

1	not connected
2	not connected
3	Contact
4	Contact
5	not connected
6	not connected

Socket „BT"

The connections „Extern" and „BT" meet the connection class TNV3. The safety regulations for the telephone connection line are valid. Unused wires may not be wired otherwise!

Connection of cord pull switches with additional power supply:

Connection length up to max. 50 meters within the apartment.

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Monitored switches as an alternative

Alternatively to the described contact input and pear switch connection, we offer monitored switch connections. These are not defined by default as a special variant. They require customer specific definitions.

Monitored contact input

The phone monitors the functionality of the cord pull switch and reacts in case of a defect or deduction with a fault message. If you connect a cord pull switch with LED, the reassurance light can be switched under certain conditions.

Monitored pear switch connection

The phone monitors the functionality of the pear switch and reacts in case of a defect or deduction with a fault message. If you use a pear switch with LED, the light can be controlled under certain conditions. While the LED as a located light constantly lights weakly, it will light brightly as a reassurance light in the event of an emergency call.

Further information on request.

The phones include open source software Linux/GNU. You can request further support via „info@ergophone.de".

Subject to modifications.
Product color similarly to the illustration.
Doc.-version 02.