

SWK - sliding gate limit switch separator

MANUAL

1. USAGE

SWK is galvanic separator of control signal in automation, dedicated to indicate the position of the sliding gate, through the automation device equipped with such function, eg. FLEX receiver. SWK can also be used to indicate alarm system status.

2. TECHNICAL DATA

- power supply 12..24VAC/DC
- input 2xNO
- output 2(3)xNO, 250mA/24VAC/DC, relay contact
- housing dimensions 30x34x30mm (without wire)
- wire tape 0,2m
- mounting in the casing of other devices
- protection class IP 20
- weight 30g

3. SEPARATOR MONTAGE

Separator must be placed into other device housing, eg. DTM6 driver, alarm control panel.

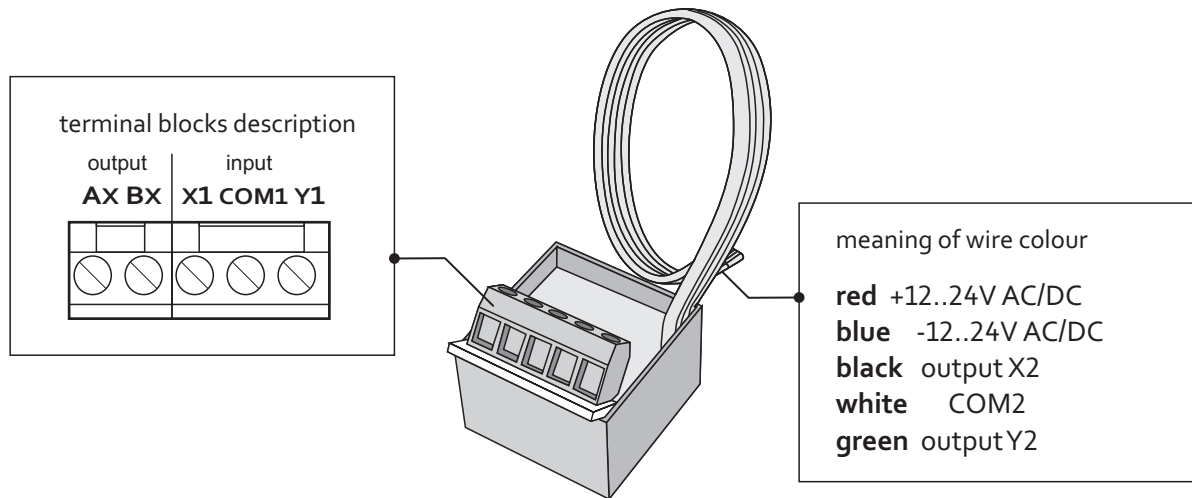


Fig.1. View of the separator with description of the wires.

WARRANTY

DTM System provides operational and ready to use devices and gives 24 months warranty from the selling date to the end customer. This time is counted according to the producer warranty labels or serial numbers placed on every product. DTM System obliges itself to repair the device for free if during the warranty period there are problems which come because of its fault. Broken device should be supplied on customer's expense to the place of purchase and enclose clear and brief description of the breakage. The cost of mount/dismount is covered by the user. The warranty does not cover any faults caused by improper usage, user self repairs, regulations and adaptations, lightning strikes, voltages or short circuits in the electrical grid. Appropriate legal acts regulate details of the warranty.



Electrical or electronic devices cannot be removed with everyday waste. The correct recycling of devices gives the possibility of keeping natural resources of the Earth for a longer time and prevents the degradation of natural environment.

SEPARATOR CONNECTION

4. ELECTRICAL CONNECTION

4.1. SWK connection to the DTM6 drive

Connect in line SWK separator to DTM6 drive between the limit switch and EASYB231 control board. Connect separator power supply to "+" and "-" controller board terminals. (Fig.2)

To connect with FLEX receiver SWK separator must be connected to receiver INPUT (terminals A, B). After setting the receiver functions 'Sr.St' to 'St.on', it will show the status of the gate or alarm, which can be observed in the CloudFlex or LocalFlex application, depending on receiver communication way. Gate and alarm status is also available on V-PILOT application on the smartphone.

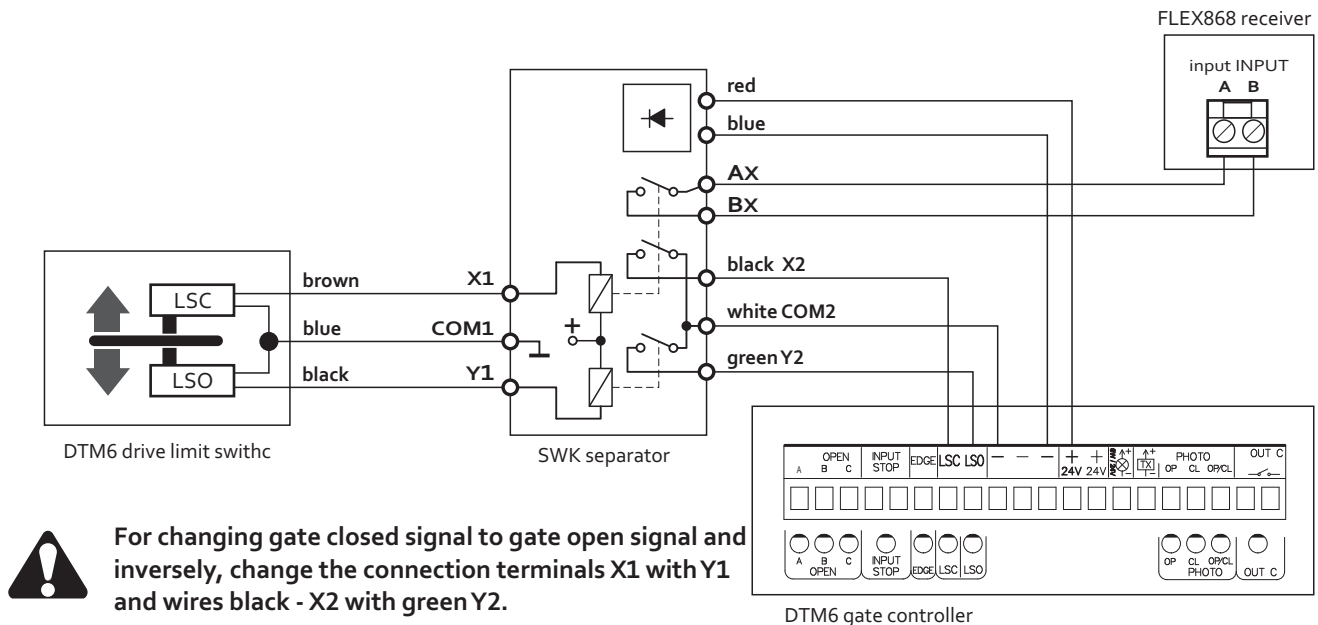


Fig.2. Connection of separator to DTM6 and FLEX868 receiver.

4.2. SWK connection to alarm control panel and other devices.

Example of connection of the separator with alarm control panel is shown in Fig.3. Separator should be connected to the control panel output, which has previously been programmed as an alarm on signalling. Connect separator power supply to the control panel output.

For FLEX receiver connection see section above.

SWK connection to other automation devices is analogous.

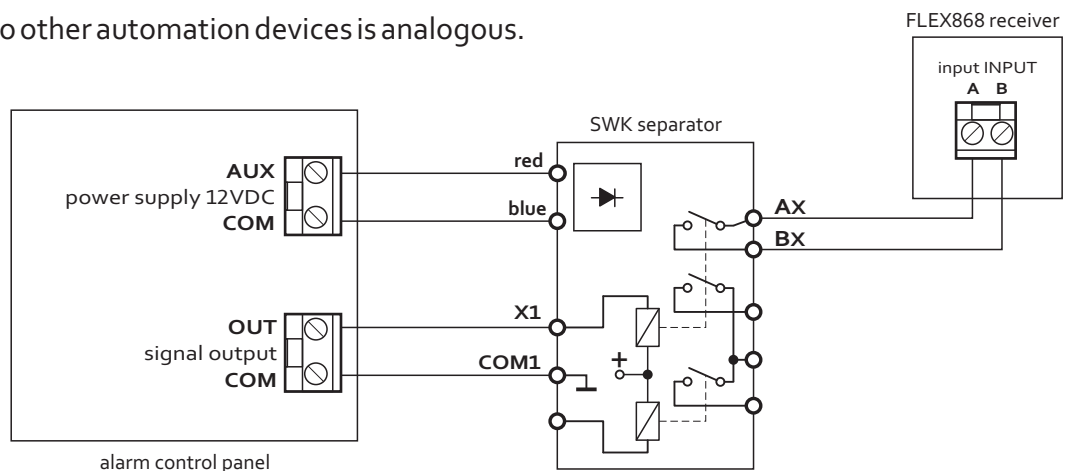


Fig.3. Connection of the separator to the alarm control panel and FLEX 868 receiver.

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