

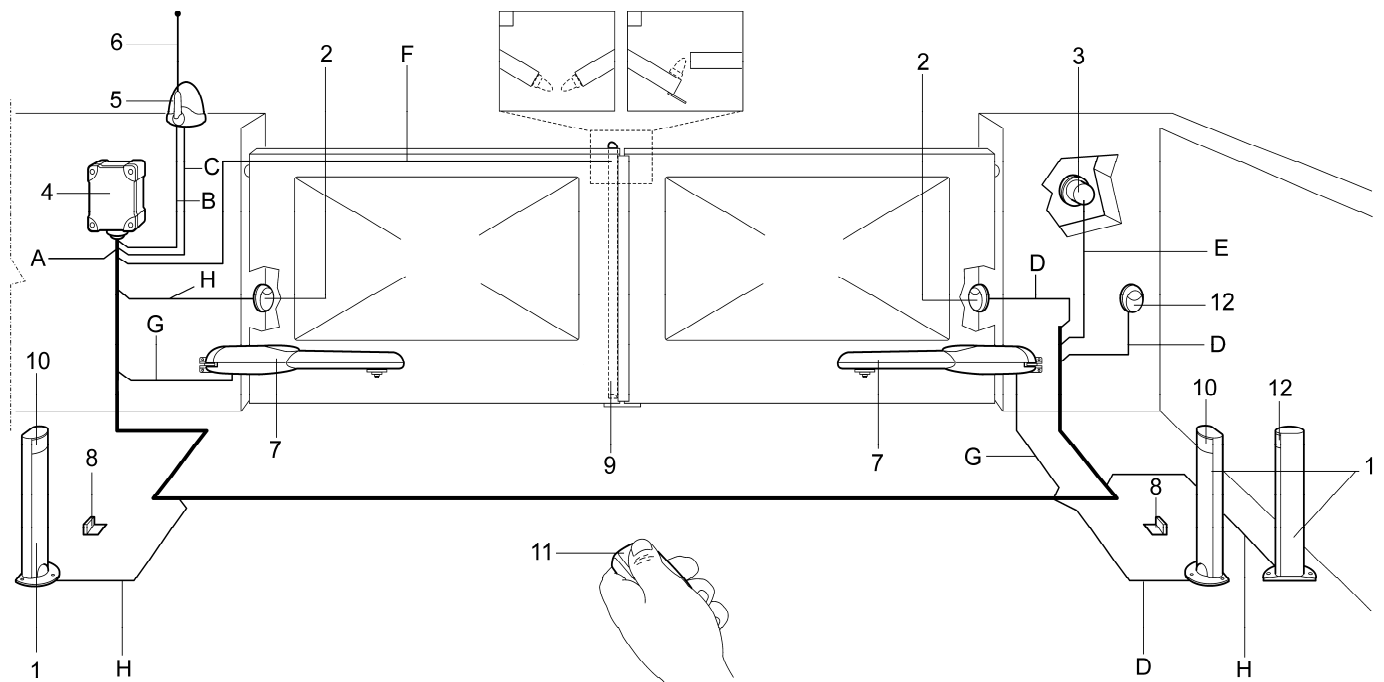
# Overall layout diagram

WINGO: two-leaf swing gate

Enclosure  
D.32

Rev 4.00  
01/09/2010

In conformity with the Machinery Directive 2006/42/EC and applicable parts of the EN standards EN 13241-1; EN 12453; EN 12445; EN 12635



## components list

Components (check the boxes of components used )	N°/ Model / Serial number
1. <input type="checkbox"/> Post for photocell	
2. <input type="checkbox"/> Photocell	
3. <input type="checkbox"/> Key-operated selector switch or digital keypad	
4. <input type="checkbox"/> Control unit	
5. <input type="checkbox"/> Flashing light	
6. <input type="checkbox"/> Aerial	
7. <input type="checkbox"/> Motor	
8. <input type="checkbox"/> Pair of stops on opening	
9. <input type="checkbox"/> Sensitive edge	
10. <input type="checkbox"/> Photocell	
11. <input type="checkbox"/> Transmitter	
12. <input type="checkbox"/> Photocell	
13. <input type="checkbox"/>	

## wiring list

Connection	Cable type	Maximum admissible length
A. Electric power line	1 cable 3 x 1.5 mm <sup>2</sup>	30 m (1)
B. Flashing light	1 cable 2 x 1.5 mm <sup>2</sup>	20 m
C. Aerial	1 shielded cable type RG58	(less than 5 metres recommended)
D. Transmitter photocell	1 cable 2 x 0.25mm <sup>2</sup>	30m (2)
E. Key-operated selector switch	2 cables 2 x 0.25 mm <sup>2</sup>	50m (3)
F. Edges	1 cable 2 x 0.5 mm <sup>2</sup>	30m (4) (5)
G. Gearmotor	1 cable 4 x 1.5 mm <sup>2</sup>	
H. Receiver photocell	2 cables 2 x 0.25 mm <sup>2</sup>	30m (2) (3)
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Note 1: if the power cable is longer than 30 m, a cable with a larger section is required, such as 3x2.5mm<sup>2</sup> and safety earthing is necessary in the vicinity of the automation.

Note 2: use shielded cables if the length exceeds 30 m, connecting the braid to earth on the control unit side only.

Note 3: the two 2x0.25mm<sup>2</sup> cables can be replaced with a single 4x0.25mm<sup>2</sup> cable.

Note 4: in special applications, the use of sensitive edges may be required. If more than one edge is present, refer to the electronic control unit instruction manual for the recommended type of connection.

Note 5: the number of wires required for connection of the movable or fixed edges depends on the method used to guarantee the required safety category. The example refers to TCB65 edges connected to the TCE interfaces.