

## GELBAU - CONTROL UNIT 312.0

3003.1206

Evaluator 24 V DC, cat.1, IP65

- IP65
- 1 NO + 1 CO signal output
- Conforms to 1 EN954-1
- Automatic reset



### PRODUCT DESCRIPTION




Gelbau IP65 control unit is specifically suitable for door and gate systems. Monitoring is performed on the closed circuit current principle with an 8.2 k $\Omega$  resistor as the electrical termination. The switchgears possess three LEDs (green, yellow, red), which are used to indicate different states:

- Green: switching strip connected, system ready for operation, safety contacts closed
- Yellow: error message "Open sensor circuit", safety contacts opened
- Red: switching strip actuated, safety contacts opened

### TECHNICAL SPESIFICATION

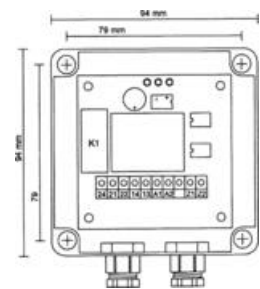
Supply voltage	24 V DC or 230 V AC
Tolerance	-15 %...+10 %
Power consumption	4 VA
Functions output	1 NO
Signal output	1 CO
Max. voltage / output	250 V AC / 24 V DC
Max. current / output	4 A (AC11/220 V), 2 A (DC11/24 V)
Activation time	Max. 15 ms
Max. safety edge length	100 m
State indication	3 x LED
Protection class	IP65
Temperature range	-20 °C...+55 °C
Installation	IP65 enclosure
Safety class	1, conforms to EN954-1

Standard	EN1760-2
CE requirements	MD, LVD, EMC
Approvals	

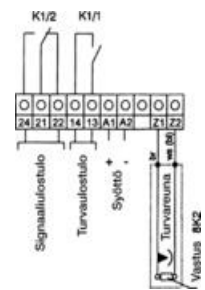
Features	LED indicator	
• IP65		Switching strip actuated
• 1 CO signal contact		Open sensor circuit, safety contacts opened
• LED state indication		Switching strip connected

## MEASUREMENTS

(mm)



## WIRING DIAGRAM



## SPECIFICATIONS

IP Class	IP65
Number Of Terminal Strips Max	1
PL	c
Supply voltage	24 V DC
Temperature range from	-20 °C
Temperature range to	55 °C

