

# GELBAU - CONTROL UNIT PL C (ANTI-AQUA)

3003.1400 Evaluator, 24 V DC, cat. 1, anti-aqua, IP65

- Anti-Aqua version, guaranteed operation when profile is full of water
- 1 NO + 1 CO signal output
- Conforms to 1 EN954-1
- Automatic reset
- IP20 or IP65



1 24 21 22



#### PRODUCT DESCRIPTION

Gelbau Anti-Aqua is a safety edge control unit spesifically suitable for less-dangerous applications such as gate and door systems. The anti-aqua feature ensures operation even when the safety edge profile is full of water. Monitoring is performed on the closed circuit current principle with an  $8.2 \text{ k}\Omega$  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 SPESIFICATIONS**

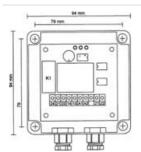
Supply voltage	24 V DC tai 230 V AC
Tolerance	-15 %+10 %
Rated power	3 VA
Function output	1 NO rele
Signal output	1 CO rele
Max. voltage / output	250 V AC / 24 V DC
Max. current / output	4 A (AC11/220 V), 2 A (DC11/24 V)
Activation time	Max. 15 ms
Max. profile length	100 m
State indication	3 x LED
Protection class	IP20 or IP65
Temperature range	-20 °C+55 °C
Mounting	DIN rail IP65 enclosure
Safety class	1, conforms to EN954-1
Standard	EN1760-2
CE requirements	MD, LVD, EMC
Approvals	( € . ♣

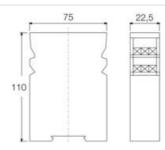
contact.

#### Dimensions

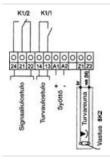
(mm)







## **WIRING DIAGRAM**



## **SPECIFICATIONS**

IP Class	IP65
Number Of Terminal Strips Max	1
PL	С
Supply voltage	230 V AC
Temperature range from	-20 °C
Temperature range to	55 °C



