

## GELBAU - CONTROL UNIT 352.4/362.0

3003.5240Z2

RESISTANCE EVAL CAT3 230VA

- 2 NO+1 CO output
- Safety category 3 in accordance with EN954-1
- Automatic or manual reset
- One or two inputs




### PRODUCT DESCRIPTION

Control unit for the monitoring of sensing strips in dangerous applications. It is also suitable for use on motorised gates which, in line with the standard, must have relays conforming to safety category 3. A low current is transmitted from the control unit connectors (Z1 and Z2) through the sensing strip, and a closed circuit is formed via a resistor (8.2 kΩ). The control unit outputs cuts the power if anyone/anything presses the sensing strip and also following a short-circuit or open circuit.

### TECHNICAL DATA

<b>Supply voltage</b>		24 V AC/DC, 230 V AC
<b>Tolerance</b>		-15 % to +10 %
<b>Consumption (operation)</b>		4 W
<b>Relay outputs:</b>	<b>Safe</b>	2 NO (single)
	<b>Signal</b>	1 CO
<b>Max. contact voltage</b>		250 V AC/24 V DC
<b>Max. contact current</b>		6 A AC/2 A DC
<b>Fuse outputs</b>		4 A
<b>Disconnection time</b>		15 ms
<b>Max. length of sensing strip</b>		100 m
<b>Max. cable length to the sensing strip</b>		50 m (min. 0.5 m <sup>2</sup> )
<b>Status indication</b>		6xLED
<b>Cable connection</b>		2xPG9 and 2xPG11 (included)
<b>Ingress protection class</b>		IP65
<b>Ambient temperature</b>		-20 °C to +55 °C

Installation	4xM5
Mechanical service life	3x10 <sup>7</sup>
Safety category	3 in accordance with EN954-1
Standard	EN1760-2, ZH1/494
Conforming to	MD, LVD, EMC
Approvals	

Technical characteristics




Depending on safety requirements

- Force guided contacts
- Internal/external redundancy

User benefits

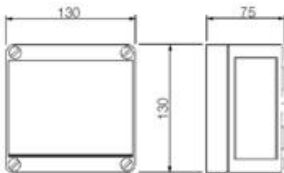
- Safety category 3 in accordance with EN954-1
- 2 NO and 1 CO output
- Contact load 4A
- LED status indication
- Monitoring of external contactors

Status indication

-  Strip activated
-  Fault in the safety circuit
-  Output activated

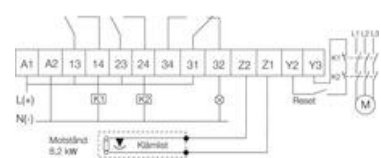
DIMENSIONS

(mm)



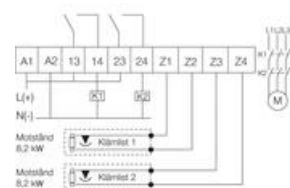
CONNECTION

352.4 (One input)



1. One sensing strip. Manual reset. Monitoring of external contactors.

362.0 (Two inputs)



4. Two sensing strips. Automatic reset.



<b>PL</b>	e enl. SS-EN ISO 13849-1:2008
<b>Power Consumption</b>	4 W
<b>Supply voltage</b>	230 V AC
<b>Temperature ambient from</b>	-20 °C
<b>Temperature ambient to</b>	55 °C
<b>Terminal Strip Length Max</b>	100 m
<b>Tolerance max</b>	10 %
<b>Tolerance min</b>	-15 %

